

PRESSURE = 0.080 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m*K]	VISC [μPa*s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.4657E-03	1.537	0.9237E-02	0.5777E-01				
1.000	0.2647E-03	0.1539	0.9222E-02	0.5777E-01				
1.200	-0.8117E-03	-0.1250	0.9197E-02	0.5777E-01				
1.400	-0.2973E-02	-0.1605	0.9202E-02	0.5779E-01				
1.600	-0.6548E-02	-0.1492	0.9297E-02	0.5782E-01				
1.800	-0.1277E-01	-0.1370	0.9569E-02	0.5789E-01				
2.000	-0.2663E-01	-0.1373	0.1011E-01	0.5800E-01				
2.070	-0.3689E-01	-0.1428	0.1037E-01	0.5806E-01				
2.160	-0.7866E-01	-0.1733	0.1082E-01	0.5819E-01				
2.169	-0.1174	-0.2003	0.1099E-01	0.5821E-01				
2.171	-0.4199E-01	-0.1199	0.1074E-01	0.5822E-01				
2.180	0.1814E-02	0.8282E-02	0.1061E-01	0.5822E-01				
2.270	0.4812E-01	0.3973	0.1066E-01	0.5815E-01				
2.400	0.7335E-01	0.6947	0.1094E-01	0.5794E-01				
2.700	0.1276	1.058	0.1225E-01	0.5726E-01				
3.000	0.1935	1.255	0.1420E-01	0.5628E-01				
3.300	0.2739	1.278	0.1687E-01	0.5503E-01				
3.600	0.3862	1.267	0.2111E-01	0.5347E-01	0.1809E-01	3.500	0.3786E-07	0.6806
3.900	0.5645	1.248	0.2865E-01	0.5148E-01	0.1842E-01	3.389	0.3337E-07	0.7762
3.980	0.6334	1.241	0.3176E-01	0.5085E-01	0.1846E-01	3.350	0.3200E-07	0.8100
3.980	2.217	0.6704	1.520	0.5161E-02	0.8309E-02	1.145	0.7641E-07	1.126
4.200	1.899	0.6763	1.383	0.4623E-02	0.8675E-02	1.191	0.9815E-07	1.018
4.500	1.656	0.6820	1.278	0.4092E-02	0.9184E-02	1.256	0.1277E-06	0.9322
4.800	1.510	0.6855	1.215	0.3695E-02	0.9691E-02	1.320	0.1576E-06	0.8789
5.000	1.441	0.6870	1.185	0.3479E-02	0.1002E-01	1.362	0.1779E-06	0.8535
5.100	1.412	0.6876	1.172	0.3382E-02	0.1019E-01	1.363	0.1881E-06	0.8429
5.300	1.363	0.6884	1.151	0.3206E-02	0.1051E-01	1.425	0.2089E-06	0.8250
5.500	1.323	0.6888	1.134	0.3051E-02	0.1083E-01	1.466	0.2299E-06	0.8105
6.000	1.250	0.6869	1.102	0.2728E-02	0.1160E-01	1.567	0.2840E-06	0.7843
6.500	1.200	0.6882	1.080	0.2473E-02	0.1234E-01	1.665	0.3403E-06	0.7671
7.000	1.164	0.6872	1.064	0.2266E-02	0.1306E-01	1.760	0.3988E-06	0.7552
8.000	1.116	0.6848	1.043	0.1946E-02	0.1440E-01	1.943	0.5225E-06	0.7407
9.000	1.087	0.6826	1.031	0.1709E-02	0.1565E-01	2.116	0.6546E-06	0.7330
10.00	1.067	0.6807	1.022	0.1526E-02	0.1682E-01	2.280	0.7946E-06	0.7290
12.00	1.042	0.6778	1.012	0.1259E-02	0.1897E-01	2.588	0.1098E-05	0.7258
15.00	1.024	0.6749	1.005	0.1000E-02	0.2187E-01	3.006	0.1607E-05	0.7249
20.00	1.010	0.6722	1.000	0.7465E-03	0.2617E-01	3.618	0.2593E-05	0.7243
25.00	1.005	0.6708	0.9987	0.5962E-03	0.3006E-01	4.157	0.3741E-05	0.7221
30.00	1.002	0.6699	0.9981	0.4965E-03	0.3369E-01	4.645	0.5044E-05	0.7186
40.00	0.9998	0.6689	0.9979	0.3723E-03	0.4042E-01	5.516	0.8085E-05	0.7101
50.00	0.9991	0.6683	0.9980	0.2978E-03	0.4666E-01	6.295	0.1167E-04	0.7015
60.00	0.9989	0.6680	0.9982	0.2482E-03	0.5253E-01	7.012	0.1578E-04	0.6937
80.00	0.9988	0.6676	0.9986	0.1862E-03	0.6350E-01	8.327	0.2543E-04	0.6812
100.0	0.9989	0.6673	0.9988	0.1490E-03	0.7370E-01	9.540	0.3688E-04	0.6724
120.0	0.9990	0.6672	0.9990	0.1242E-03	0.8332E-01	10.69	0.5003E-04	0.6664
140.0	0.9991	0.6671	0.9992	0.1065E-03	0.9248E-01	11.80	0.6479E-04	0.6626
160.0	0.9992	0.6670	0.9993	0.9319E-04	0.1013	12.88	0.8108E-04	0.6604
180.0	0.9993	0.6670	0.9994	0.8284E-04	0.1098	13.93	0.9884E-04	0.6592
200.0	0.9994	0.6670	0.9994	0.7456E-04	0.1180	15.00	0.1180E-03	0.6602
220.0	0.9994	0.6669	0.9995	0.6779E-04	0.1259	16.03	0.1386E-03	0.6611
240.0	0.9995	0.6669	0.9995	0.6214E-04	0.1337	17.04	0.1605E-03	0.6617
260.0	0.9995	0.6669	0.9996	0.5736E-04	0.1413	18.02	0.1838E-03	0.6623
280.0	0.9996	0.6669	0.9996	0.5327E-04	0.1487	18.98	0.2083E-03	0.6627
300.0	0.9996	0.6668	0.9996	0.4972E-04	0.1560	19.92	0.2340E-03	0.6631
350.0	0.9996	0.6668	0.9997	0.4262E-04	0.1735	22.18	0.3037E-03	0.6639
400.0	0.9997	0.6668	0.9997	0.3729E-04	0.1904	24.35	0.3808E-03	0.6644
500.0	0.9998	0.6668	0.9998	0.2983E-04	0.2223	28.47	0.5558E-03	0.6651
600.0	0.9998	0.6667	0.9998	0.2486E-04	0.2524	32.34	0.7573E-03	0.6655
700.0	0.9998	0.6667	0.9999	0.2131E-04	0.2810	36.03	0.9838E-03	0.6657
800.0	0.9999	0.6667	0.9999	0.1865E-04	0.3085	39.55	0.1234E-02	0.6658
900.0	0.9999	0.6667	0.9999	0.1658E-04	0.3350	42.95	0.1508E-02	0.6659
1000.	0.9999	0.6667	0.9999	0.1492E-04	0.3606	46.24	0.1803E-02	0.6659
1100.	0.9999	0.6667	0.9999	0.1356E-04	0.3855	49.43	0.2120E-02	0.6659
1200.	0.9999	0.6667	0.9999	0.1243E-04	0.4097	52.53	0.2458E-02	0.6659
1300.	0.9999	0.6667	0.9999	0.1148E-04	0.4333	55.56	0.2817E-02	0.6659
1400.	0.9999	0.6667	0.9999	0.1066E-04	0.4564	58.52	0.3195E-02	0.6659
1500.	0.9999	0.6667	0.9999	0.9946E-05	0.4790	61.41	0.3593E-02	0.6658

PRESSURE = 0.101325 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	V SOUND [m/s]
	0.8000	146.9	0.4150	0.5653E-02	0.6954	0.4338E-02	0.2235E-01	0.2237E-01	244.9
	1.000	146.9	0.3321	0.1649E-01	0.7063	0.1618E-01	0.1023	0.1023	244.9
	1.200	146.9	0.2767	0.5582E-01	0.7456	0.5142E-01	0.3224	0.3224	245.3
	1.400	146.9	0.2371	0.1619	0.8515	0.1322	0.7868	0.7872	245.4
	1.600	147.0	0.2073	0.3954	1.085	0.2865	1.612	1.614	244.2
	1.800	147.2	0.1841	0.8430	1.531	0.5481	2.953	2.959	240.6
	2.000	147.5	0.1653	1.641	2.328	0.9658	5.228	5.250	234.0
1	2.068	147.7	0.1597	2.040	2.726	1.161	6.510	6.548	231.2
2	2.158	148.0	0.1527	2.765	3.450	1.503	10.47	10.63	227.2
3	2.167	148.1	0.1520	2.870	3.554	1.552	13.25	13.58	226.5
3	2.169	148.1	0.1519	2.894	3.579	1.563	8.102	8.148	227.1
2	2.178	148.1	0.1512	2.949	3.633	1.588	5.105	5.105	227.9
1	2.268	147.9	0.1454	3.256	3.941	1.727	2.699	2.749	229.6
	2.400	147.4	0.1379	3.578	4.265	1.866	2.172	2.281	230.7
	2.700	145.7	0.1240	4.232	4.927	2.126	1.995	2.258	228.2
	3.000	143.4	0.1134	4.923	5.630	2.372	2.016	2.494	224.0
	3.300	140.3	0.1053	5.721	6.443	2.630	2.195	2.940	216.9
	3.600	136.6	0.9922E-01	6.659	7.401	2.908	2.352	3.460	207.1
	3.900	131.8	0.9489E-01	7.763	8.532	3.209	2.465	4.109	194.7
	4.200	125.5	0.9254E-01	9.096	9.904	3.548	2.546	5.145	178.4
L	4.222	124.9	0.9246E-01	9.208	10.02	3.575	2.552	5.255	177.0
V	4.222	16.84	0.6859	24.72	30.74	8.473	3.238	9.144	99.93
	4.500	14.52	0.7463	26.09	33.07	9.007	3.205	7.788	108.1
	4.800	12.84	0.7913	27.39	35.28	9.485	3.175	7.073	115.3
	5.000	11.98	0.8145	28.21	36.67	9.767	3.159	6.770	119.5
	5.100	11.60	0.8245	28.60	37.34	9.900	3.152	6.650	121.5
	5.300	10.93	0.8423	29.37	38.65	10.15	3.141	6.452	125.3
	5.500	10.34	0.8575	30.12	39.92	10.39	3.133	6.297	128.9
	6.000	9.164	0.8872	31.94	43.00	10.92	3.119	6.025	137.0
	6.500	8.257	0.9088	33.69	45.96	11.40	3.113	5.852	144.4
	7.000	7.532	0.9251	35.40	48.86	11.83	3.111	5.732	151.2
	8.000	6.433	0.9478	38.76	54.51	12.58	3.111	5.581	163.6
	9.000	5.631	0.9625	42.04	60.04	13.23	3.113	5.489	174.7
	10.00	5.016	0.9724	45.30	65.50	13.81	3.115	5.429	185.0
	12.00	4.128	0.9846	51.73	76.27	14.79	3.118	5.355	203.7
	15.00	3.273	0.9937	61.28	92.24	15.98	3.120	5.296	228.5
	20.00	2.440	0.9995	77.06	118.6	17.50	3.121	5.251	264.3
	25.00	1.948	1.002	92.77	144.8	18.66	3.120	5.229	295.5
	30.00	1.622	1.002	108.4	170.9	19.62	3.120	5.218	323.6
	40.00	1.216	1.003	139.7	223.0	21.12	3.119	5.206	373.4
	50.00	0.9732	1.002	170.9	275.0	22.28	3.118	5.201	417.3
	60.00	0.8112	1.002	202.1	327.0	23.22	3.118	5.198	456.9
	80.00	0.6086	1.002	264.5	431.0	24.72	3.117	5.196	527.2
	100.0	0.4871	1.001	326.8	534.9	25.88	3.117	5.194	589.3
	120.0	0.4060	1.001	389.2	638.8	26.83	3.117	5.194	645.3
	140.0	0.3481	1.001	451.5	742.6	27.63	3.116	5.193	696.9
	160.0	0.3046	1.001	513.8	846.5	28.32	3.116	5.193	744.9
	180.0	0.2708	1.001	576.2	950.4	28.93	3.116	5.193	790.0
	200.0	0.2437	1.001	638.5	1054.	29.48	3.116	5.193	832.7
	220.0	0.2216	1.001	700.8	1158.	29.97	3.116	5.193	873.3
	240.0	0.2031	1.001	763.1	1262.	30.43	3.116	5.193	912.0
	260.0	0.1875	1.001	825.4	1366.	30.84	3.116	5.193	949.2
	280.0	0.1741	1.000	887.7	1470.	31.23	3.116	5.193	985.0
	300.0	0.1625	1.000	950.1	1574.	31.58	3.116	5.193	1020.
	350.0	0.1393	1.000	1106.	1833.	32.39	3.116	5.193	1101.
	400.0	0.1219	1.000	1262.	2093.	33.08	3.116	5.193	1177.
	500.0	0.9753E-01	1.000	1573.	2612.	34.24	3.116	5.193	1316.
	600.0	0.8128E-01	1.000	1885.	3131.	35.18	3.116	5.193	1442.
	700.0	0.6967E-01	1.000	2196.	3651.	35.98	3.116	5.193	1557.
	800.0	0.6096E-01	1.000	2508.	4170.	36.68	3.116	5.193	1664.
	900.0	0.5419E-01	1.000	2820.	4689.	37.29	3.116	5.193	1765.
	1000.	0.4877E-01	1.000	3131.	5209.	37.84	3.116	5.193	1861.
	1100.	0.4434E-01	1.000	3443.	5728.	38.33	3.116	5.193	1952.
	1200.	0.4065E-01	1.000	3754.	6247.	38.78	3.116	5.193	2038.
	1300.	0.3752E-01	1.000	4066.	6767.	39.20	3.116	5.193	2122.
	1400.	0.3484E-01	1.000	4378.	7286.	39.58	3.116	5.193	2202.
	1500.	0.3252E-01	1.000	4689.	7805.	39.94	3.116	5.193	2279.

PRESSURE = 0.101325 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m·K]	VISC [μPa·s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.4650E-03	1.558	0.1151E-01	0.5792E-01				
1.000	0.2956E-03	0.1733	0.1150E-01	0.5791E-01		$= 10^{-5} \frac{g}{cm \cdot s}$		
1.200	-0.7773E-03	-0.1209	0.1146E-01	0.5791E-01				
1.400	-0.3034E-02	-0.1658	0.1146E-01	0.5793E-01				
1.600	-0.6901E-02	-0.1593	0.1157E-01	0.5797E-01				
1.800	-0.1372E-01	-0.1490	0.1192E-01	0.5803E-01				
2.000	-0.2846E-01	-0.1484	0.1260E-01	0.5816E-01				
2.068	-0.3867E-01	-0.1527	0.1291E-01	0.5822E-01				
2.158	-0.8061E-01	-0.1814	0.1346E-01	0.5836E-01				
2.167	-0.1197	-0.2087	0.1367E-01	0.5838E-01				
2.169	-0.4396E-01	-0.1283	0.1334E-01	0.5839E-01				
2.178	0.3340E-03	0.1560E-02	0.1318E-01	0.5839E-01				
2.268	0.4671E-01	0.3950	0.1323E-01	0.5832E-01				
2.400	0.7175E-01	0.6977	0.1356E-01	0.5811E-01				
2.700	0.1241	1.060	0.1510E-01	0.5745E-01				
3.000	0.1880	1.261	0.1742E-01	0.5649E-01				
3.300	0.2647	1.283	0.2056E-01	0.5528E-01				
3.600	0.3697	1.274	0.2544E-01	0.5377E-01	0.1821E-01	3.546	0.3854E-07	0.6737
3.900	0.5310	1.257	0.3380E-01	0.5187E-01	0.1857E-01	3.441	0.3429E-07	0.7614
4.200	0.8323	1.226	0.5123E-01	0.4935E-01	0.1866E-01	3.278	0.2890E-07	0.9038
4.222	0.8662	1.223	0.5330E-01	0.4913E-01	0.1866E-01	3.263	0.2841E-07	0.9192
4.222	2.655	0.6869	1.701	0.6539E-02	0.9038E-02	1.242	0.5868E-07	1.257
4.500	2.072	0.6903	1.451	0.5637E-02	0.9449E-02	1.294	0.8353E-07	1.066
4.800	1.771	0.6933	1.323	0.4983E-02	0.9917E-02	1.353	0.1092E-06	0.9646
5.000	1.646	0.6946	1.269	0.4647E-02	0.1023E-01	1.392	0.1261E-06	0.9215
5.100	1.596	0.6950	1.248	0.4500E-02	0.1039E-01	1.412	0.1346E-06	0.9043
5.300	1.515	0.6957	1.213	0.4239E-02	0.1070E-01	1.452	0.1517E-06	0.8761
5.500	1.451	0.6959	1.186	0.4012E-02	0.1100E-01	1.492	0.1689E-06	0.8540
6.000	1.339	0.6957	1.137	0.3554E-02	0.1175E-01	1.590	0.2127E-06	0.8156
6.500	1.267	0.6945	1.106	0.3202E-02	0.1247E-01	1.686	0.2580E-06	0.7912
7.000	1.216	0.6931	1.084	0.2921E-02	0.1317E-01	1.779	0.3050E-06	0.7745
8.000	1.151	0.6899	1.056	0.2494E-02	0.1450E-01	1.959	0.4038E-06	0.7540
9.000	1.112	0.6870	1.039	0.2183E-02	0.1573E-01	2.130	0.5090E-06	0.7430
10.00	1.085	0.6845	1.028	0.1944E-02	0.1689E-01	2.293	0.6203E-06	0.7368
12.00	1.054	0.6807	1.015	0.1600E-02	0.1903E-01	2.598	0.8608E-06	0.7311
15.00	1.030	0.6771	1.006	0.1268E-02	0.2191E-01	3.014	0.1264E-05	0.7283
20.00	1.013	0.6737	1.000	0.9456E-03	0.2620E-01	3.624	0.2045E-05	0.7262
25.00	1.006	0.6719	0.9984	0.7549E-03	0.3009E-01	4.162	0.2954E-05	0.7233
30.00	1.003	0.6707	0.9976	0.6286E-03	0.3372E-01	4.649	0.3984E-05	0.7194
40.00	0.9998	0.6694	0.9974	0.4713E-03	0.4045E-01	5.520	0.6387E-05	0.7106
50.00	0.9989	0.6687	0.9975	0.3771E-03	0.4668E-01	6.298	0.9223E-05	0.7018
60.00	0.9985	0.6683	0.9978	0.3143E-03	0.5255E-01	7.015	0.1246E-04	0.6939
80.00	0.9985	0.6678	0.9982	0.2358E-03	0.6352E-01	8.330	0.2009E-04	0.6813
100.0	0.9986	0.6675	0.9985	0.1887E-03	0.7371E-01	9.543	0.2914E-04	0.6724
120.0	0.9988	0.6673	0.9988	0.1573E-03	0.8333E-01	10.69	0.3952E-04	0.6664
140.0	0.9989	0.6672	0.9989	0.1348E-03	0.9250E-01	11.80	0.5117E-04	0.6626
160.0	0.9990	0.6671	0.9991	0.1180E-03	0.1013	12.88	0.6404E-04	0.6604
180.0	0.9991	0.6671	0.9992	0.1049E-03	0.1098	13.93	0.7806E-04	0.6592
200.0	0.9992	0.6670	0.9993	0.9442E-04	0.1180	15.00	0.9322E-04	0.6602
220.0	0.9993	0.6670	0.9993	0.8584E-04	0.1260	16.03	0.1095E-03	0.6610
240.0	0.9993	0.6670	0.9994	0.7869E-04	0.1337	17.04	0.1268E-03	0.6617
260.0	0.9994	0.6669	0.9995	0.7264E-04	0.1413	18.02	0.1451E-03	0.6622
280.0	0.9994	0.6669	0.9995	0.6746E-04	0.1487	18.98	0.1645E-03	0.6627
300.0	0.9995	0.6669	0.9995	0.6296E-04	0.1560	19.92	0.1848E-03	0.6631
350.0	0.9996	0.6669	0.9996	0.5397E-04	0.1735	22.18	0.2399E-03	0.6638
400.0	0.9996	0.6668	0.9997	0.4723E-04	0.1904	24.35	0.3007E-03	0.6643
500.0	0.9997	0.6668	0.9997	0.3779E-04	0.2223	28.47	0.4389E-03	0.6650
600.0	0.9998	0.6668	0.9998	0.3149E-04	0.2524	32.34	0.5980E-03	0.6654
700.0	0.9998	0.6667	0.9998	0.2699E-04	0.2811	36.02	0.7768E-03	0.6656
800.0	0.9998	0.6667	0.9999	0.2362E-04	0.3085	39.55	0.9745E-03	0.6657
900.0	0.9998	0.6667	0.9999	0.2099E-04	0.3350	42.95	0.1190E-02	0.6658
1000.	0.9999	0.6667	0.9999	0.1890E-04	0.3606	46.24	0.1424E-02	0.6658
1100.	0.9999	0.6667	0.9999	0.1718E-04	0.3855	49.42	0.1674E-02	0.6658
1200.	0.9999	0.6667	0.9999	0.1575E-04	0.4097	52.53	0.1941E-02	0.6658
1300.	0.9999	0.6667	0.9999	0.1454E-04	0.4333	55.55	0.2224E-02	0.6658
1400.	0.9999	0.6667	0.9999	0.1350E-04	0.4564	58.51	0.2523E-02	0.6658
1500.	0.9999	0.6667	0.9999	0.1260E-04	0.4790	61.41	0.2837E-02	0.6657

PRESSURE = 0.120 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	VSOUND [m/s]
	0.8000	147.2	0.4905	0.7179E-02	0.8223	0.4265E-02	0.2231E-01	0.2233E-01	246.4
	1.000	147.2	0.3924	0.1804E-01	0.8332	0.1614E-01	0.1027	0.1027	246.4
	1.200	147.2	0.3270	0.5750E-01	0.8726	0.5150E-01	0.3233	0.3233	246.8
	1.400	147.2	0.2802	0.1639	0.9789	0.1324	0.7884	0.7888	246.9
	1.600	147.3	0.2450	0.3979	1.212	0.2871	1.615	1.617	245.7
	1.800	147.5	0.2175	0.8464	1.660	0.5491	2.957	2.964	242.0
	2.000	147.9	0.1954	1.647	2.458	0.9677	5.238	5.263	235.4
1	2.066	148.0	0.1889	2.035	2.846	1.158	6.487	6.529	232.8
2	2.156	148.4	0.1806	2.758	3.567	1.499	10.43	10.59	228.8
3	2.165	148.4	0.1798	2.863	3.671	1.548	13.19	13.54	228.1
3	2.167	148.4	0.1796	2.867	3.696	1.559	8.070	8.120	228.8
2	2.176	148.4	0.1788	2.942	3.750	1.584	5.083	5.083	229.5
1	2.266	148.3	0.1719	3.247	4.056	1.722	2.686	2.734	231.3
	2.400	147.8	0.1629	3.571	4.383	1.862	2.157	2.264	232.5
	2.700	146.1	0.1464	4.218	5.039	2.120	1.984	2.240	230.3
	3.000	143.8	0.1339	4.902	5.736	2.364	2.006	2.472	226.2
	3.300	140.9	0.1243	5.689	6.541	2.620	2.186	2.910	219.3
	3.600	137.2	0.1170	6.614	7.488	2.894	2.344	3.413	209.9
	3.900	132.6	0.1117	7.695	8.600	3.190	2.456	4.025	198.1
	4.200	128.6	0.1086	8.986	9.933	3.519	2.536	4.950	182.8
L	4.407	121.1	0.1083	10.08	11.07	3.782	2.585	6.137	168.8
V	4.407	20.17	0.6499	24.66	30.61	8.208	3.198	10.34	100.3
	4.500	18.96	0.6772	25.20	31.53	8.414	3.193	9.407	103.5
	4.800	16.24	0.7412	26.70	34.09	8.965	3.171	7.887	112.0
	5.000	14.97	0.7721	27.59	35.61	9.276	3.157	7.361	116.8
	5.100	14.43	0.7852	28.01	36.33	9.420	3.150	7.165	119.0
	5.300	13.49	0.8081	28.84	37.73	9.689	3.140	6.858	123.1
	5.500	12.70	0.8273	29.63	39.08	9.939	3.131	6.628	127.0
	6.000	11.14	0.8644	31.52	42.29	10.50	3.117	6.245	135.7
	6.500	9.976	0.8909	33.32	45.35	10.99	3.111	6.012	143.4
	7.000	9.062	0.9107	35.07	48.32	11.43	3.108	5.856	150.4
	8.000	7.699	0.9380	38.48	54.07	12.19	3.109	5.663	163.1
	9.000	6.718	0.9555	41.80	59.67	12.85	3.112	5.549	174.4
	10.00	5.972	0.9674	45.08	65.18	13.44	3.114	5.475	184.9
	12.00	4.903	0.9819	51.55	76.03	14.42	3.118	5.385	203.7
	15.00	3.860	0.9925	61.14	92.07	15.62	3.121	5.315	228.7
	20.00	2.890	0.9995	76.97	118.5	17.14	3.122	5.261	264.5
	25.00	2.306	1.002	92.70	144.7	18.31	3.121	5.236	295.7
	30.00	1.920	1.003	108.4	170.9	19.26	3.121	5.222	323.8
	40.00	1.440	1.003	139.7	223.0	20.76	3.119	5.209	373.7
	50.00	1.152	1.003	170.9	275.1	21.92	3.119	5.202	417.5
	60.00	0.9603	1.003	202.1	327.1	22.87	3.118	5.199	457.1
	80.00	0.7206	1.002	264.5	431.0	24.37	3.117	5.196	527.4
	100.0	0.5767	1.002	326.8	534.8	25.53	3.117	5.195	589.4
	120.0	0.4807	1.001	389.2	638.8	26.47	3.117	5.194	645.5
	140.0	0.4121	1.001	451.5	742.7	27.28	3.117	5.194	697.0
	160.0	0.3607	1.001	513.8	846.6	27.97	3.116	5.193	745.0
	180.0	0.3206	1.001	576.2	950.4	28.58	3.116	5.193	790.1
	200.0	0.2886	1.001	638.5	1054.	29.13	3.116	5.193	832.8
	220.0	0.2624	1.001	700.8	1158.	29.62	3.116	5.193	873.4
	240.0	0.2405	1.001	763.1	1262.	30.07	3.116	5.193	912.1
	260.0	0.2220	1.001	825.4	1366.	30.49	3.116	5.193	949.3
	280.0	0.2062	1.001	887.8	1470.	30.87	3.116	5.193	985.1
	300.0	0.1925	1.001	950.1	1574.	31.23	3.116	5.193	1020.
	350.0	0.1650	1.000	1106.	1833.	32.03	3.116	5.193	1101.
	400.0	0.1444	1.000	1262.	2093.	32.73	3.116	5.193	1177.
	500.0	0.1155	1.000	1573.	2612.	33.89	3.116	5.193	1316.
	600.0	0.9626E-01	1.000	1885.	3131.	34.83	3.116	5.193	1442.
	700.0	0.8251E-01	1.000	2196.	3651.	35.63	3.116	5.193	1557.
	800.0	0.7220E-01	1.000	2508.	4170.	36.33	3.116	5.193	1664.
	900.0	0.6418E-01	1.000	2820.	4689.	36.94	3.116	5.193	1765.
	1000.	0.5776E-01	1.000	3131.	5209.	37.49	3.116	5.193	1861.
	1100.	0.5251E-01	1.000	3443.	5728.	37.98	3.116	5.193	1952.
	1200.	0.4814E-01	1.000	3754.	6247.	38.43	3.116	5.193	2038.
	1300.	0.4443E-01	1.000	4066.	6767.	38.85	3.116	5.193	2122.
	1400.	0.4126E-01	1.000	4378.	7286.	39.23	3.116	5.193	2202.
	1500.	0.3851E-01	1.000	4689.	7805.	39.59	3.116	5.193	2279.

PRESSURE = 0.120 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m <sup>2</sup> K]	VISC [μPa*s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.4570E-03	1.554	0.1343E-01	0.5804E-01				
1.000	0.3204E-03	0.1894	0.1343E-01	0.5803E-01				
1.200	-0.7420E-03	-0.1165	0.1339E-01	0.5804E-01				
1.400	-0.3080E-02	-0.1700	0.1338E-01	0.5805E-01				
1.600	-0.7208E-02	-0.1681	0.1351E-01	0.5809E-01				
1.800	-0.1455E-01	-0.1597	0.1392E-01	0.5816E-01				
2.000	-0.3003E-01	-0.1581	0.1471E-01	0.5829E-01				
2.066	-0.4015E-01	-0.1613	0.1506E-01	0.5836E-01				
2.156	-0.8224E-01	-0.1885	0.1569E-01	0.5850E-01				
2.165	-0.1217	-0.2160	0.1595E-01	0.5852E-01				
2.167	-0.4568E-01	-0.1358	0.1554E-01	0.5853E-01				
2.176	-0.9403E-03	-0.4478E-02	0.1534E-01	0.5853E-01				
2.266	0.4551E-01	0.3930	0.1540E-01	0.5846E-01				
2.400	0.7044E-01	0.7006	0.1577E-01	0.5826E-01				
2.700	0.1213	1.063	0.1748E-01	0.5761E-01				
3.000	0.1835	1.266	0.2009E-01	0.5668E-01				
3.300	0.2572	1.288	0.2357E-01	0.5549E-01				
3.600	0.3567	1.279	0.2891E-01	0.5402E-01	0.1831E-01	3.586	0.3911E-07	0.6684
3.900	0.5056	1.264	0.3780E-01	0.5219E-01	0.1870E-01	3.485	0.3503E-07	0.7502
4.200	0.7695	1.237	0.5534E-01	0.4980E-01	0.1883E-01	3.331	0.3004E-07	0.8756
4.407	1.142	1.203	0.8254E-01	0.4759E-01	0.1875E-01	3.180	0.2523E-07	1.041
4.407	3.181	0.7021	1.913	0.7833E-02	0.9691E-02	1.323	0.4646E-07	1.412
4.500	2.774	0.7016	1.742	0.7361E-02	0.9790E-02	1.336	0.5489E-07	1.284
4.800	2.119	0.7020	1.465	0.6303E-02	0.1018E-01	1.386	0.7949E-07	1.074
5.000	1.896	0.7025	1.371	0.5808E-02	0.1046E-01	1.423	0.9496E-07	1.001
5.100	1.814	0.7027	1.336	0.5598E-02	0.1060E-01	1.441	0.1026E-06	0.9739
5.300	1.685	0.7029	1.282	0.5234E-02	0.1089E-01	1.479	0.1177E-06	0.9312
5.500	1.589	0.7029	1.241	0.4926E-02	0.1118E-01	1.517	0.1328E-06	0.8993
6.000	1.429	0.7020	1.173	0.4321E-02	0.1189E-01	1.611	0.1709E-06	0.8464
6.500	1.331	0.7003	1.131	0.3869E-02	0.1259E-01	1.705	0.2099E-06	0.8141
7.000	1.266	0.6984	1.103	0.3514E-02	0.1327E-01	1.796	0.2501E-06	0.7924
8.000	1.183	0.6944	1.068	0.2985E-02	0.1459E-01	1.973	0.3346E-06	0.7660
9.000	1.134	0.6909	1.047	0.2605E-02	0.1581E-01	2.142	0.4242E-06	0.7518
10.00	1.102	0.6879	1.034	0.2315E-02	0.1696E-01	2.304	0.5188E-06	0.7437
12.00	1.064	0.6834	1.018	0.1901E-02	0.1909E-01	2.607	0.7228E-06	0.7356
15.00	1.035	0.6790	1.007	0.1504E-02	0.2196E-01	3.021	0.1065E-05	0.7312
20.00	1.015	0.6750	1.000	0.1120E-02	0.2623E-01	3.629	0.1725E-05	0.7279
25.00	1.007	0.6728	0.9981	0.8938E-03	0.3012E-01	4.166	0.2494E-05	0.7244
30.00	1.003	0.6715	0.9972	0.7441E-03	0.3374E-01	4.653	0.3365E-05	0.7202
40.00	0.9998	0.6699	0.9969	0.5579E-03	0.4047E-01	5.523	0.5396E-05	0.7110
50.00	0.9987	0.6691	0.9971	0.4464E-03	0.4670E-01	6.302	0.7792E-05	0.7020
60.00	0.9983	0.6686	0.9973	0.3721E-03	0.5257E-01	7.018	0.1053E-04	0.6941
80.00	0.9982	0.6680	0.9979	0.2792E-03	0.6354E-01	8.332	0.1697E-04	0.6814
100.0	0.9984	0.6677	0.9982	0.2234E-03	0.7373E-01	9.545	0.2461E-04	0.6725
120.0	0.9985	0.6675	0.9985	0.1862E-03	0.8335E-01	10.69	0.3338E-04	0.6665
140.0	0.9987	0.6673	0.9987	0.1597E-03	0.9251E-01	11.80	0.4322E-04	0.6626
160.0	0.9988	0.6672	0.9989	0.1397E-03	0.1013	12.88	0.5409E-04	0.6604
180.0	0.9990	0.6672	0.9990	0.1242E-03	0.1098	13.94	0.6593E-04	0.6592
200.0	0.9991	0.6671	0.9991	0.1118E-03	0.1180	15.00	0.7873E-04	0.6602
220.0	0.9991	0.6671	0.9992	0.1017E-03	0.1260	16.03	0.9245E-04	0.6610
240.0	0.9992	0.6670	0.9993	0.9319E-04	0.1337	17.04	0.1071E-03	0.6616
260.0	0.9993	0.6670	0.9994	0.8603E-04	0.1413	18.02	0.1226E-03	0.6622
280.0	0.9993	0.6670	0.9994	0.7988E-04	0.1487	18.98	0.1389E-03	0.6626
300.0	0.9994	0.6669	0.9995	0.7456E-04	0.1560	19.92	0.1561E-03	0.6630
350.0	0.9995	0.6669	0.9995	0.6392E-04	0.1735	22.18	0.2026E-03	0.6638
400.0	0.9995	0.6669	0.9996	0.5593E-04	0.1904	24.35	0.2539E-03	0.6643
500.0	0.9996	0.6668	0.9997	0.4475E-04	0.2223	28.47	0.3706E-03	0.6650
600.0	0.9997	0.6668	0.9998	0.3729E-04	0.2524	32.34	0.5050E-03	0.6653
700.0	0.9998	0.6668	0.9998	0.3197E-04	0.2811	36.02	0.6560E-03	0.6655
800.0	0.9998	0.6668	0.9998	0.2797E-04	0.3085	39.55	0.8229E-03	0.6657
900.0	0.9998	0.6667	0.9998	0.2486E-04	0.3350	42.95	0.1005E-02	0.6657
1000.	0.9998	0.6667	0.9999	0.2238E-04	0.3606	46.23	0.1202E-02	0.6658
1100.	0.9999	0.6667	0.9999	0.2034E-04	0.3855	49.42	0.1414E-02	0.6658
1200.	0.9999	0.6667	0.9999	0.1865E-04	0.4097	52.52	0.1639E-02	0.6658
1300.	0.9999	0.6667	0.9999	0.1721E-04	0.4333	55.55	0.1878E-02	0.6657
1400.	0.9999	0.6667	0.9999	0.1598E-04	0.4564	58.51	0.2130E-02	0.6657
1500.	0.9999	0.6667	0.9999	0.1492E-04	0.4790	61.40	0.2395E-02	0.6657

PRESSURE = 0.140 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	V SOUND [m/s]
	0.8000	147.5	0.5710	0.9077E-02	0.9579	0.4188E-02	0.2224E-01	0.2226E-01	248.1
	1.000	147.5	0.4568	0.1995E-01	0.9689	0.1610E-01	0.1031	0.1031	248.0
	1.200	147.5	0.3807	0.5955E-01	1.008	0.5158E-01	0.3243	0.3244	248.4
	1.400	147.6	0.3262	0.1663	1.115	0.1327	0.7903	0.7907	248.4
	1.600	147.7	0.2852	0.4009	1.349	0.2877	1.618	1.620	247.2
	1.800	147.9	0.2532	0.8505	1.797	0.5502	2.962	2.970	243.5
	2.000	148.2	0.2274	1.653	2.598	0.9698	5.249	5.277	237.0
1	2.064	148.4	0.2200	2.030	2.974	1.155	6.462	6.508	234.5
2	2.154	148.7	0.2103	2.751	3.693	1.495	10.38	10.55	230.5
3	2.163	148.8	0.2094	2.856	3.796	1.543	13.12	13.49	229.8
3	2.165	148.8	0.2092	2.880	3.821	1.555	8.037	8.092	230.5
2	2.174	148.8	0.2083	2.934	3.875	1.579	5.060	5.060	231.3
1	2.264	148.7	0.2002	3.238	4.180	1.717	2.672	2.718	233.1
	2.400	148.2	0.1895	3.564	4.508	1.858	2.142	2.246	234.3
	2.700	146.6	0.1703	4.204	5.160	2.114	1.972	2.221	232.4
	3.000	144.3	0.1557	4.880	5.850	2.356	1.996	2.450	228.5
	3.300	141.4	0.1444	5.657	6.647	2.609	2.177	2.879	221.9
	3.600	137.8	0.1358	6.567	7.583	2.880	2.335	3.367	212.8
	3.900	133.4	0.1295	7.627	8.676	3.171	2.447	3.945	201.5
	4.200	127.8	0.1256	8.878	9.974	3.492	2.526	4.777	187.2
	4.500	119.8	0.1250	10.45	11.62	3.870	2.594	6.468	167.4
L	4.584	116.8	0.1259	11.00	12.20	3.997	2.615	7.436	160.1
V	4.584	24.09	0.6105	24.47	30.28	7.933	3.158	12.26	100.5
	4.800	20.71	0.6779	25.80	32.56	8.420	3.157	9.406	108.0
	5.000	18.70	0.7210	26.83	34.32	8.779	3.148	8.309	113.5
	5.100	17.89	0.7386	27.31	35.13	8.940	3.144	7.952	116.0
	5.300	16.55	0.7685	28.21	36.67	9.235	3.134	7.434	120.7
	5.500	15.45	0.7929	29.06	38.12	9.504	3.127	7.074	124.9
	6.000	13.39	0.8389	31.05	41.50	10.09	3.114	6.519	134.1
	6.500	11.80	0.8712	32.91	44.68	10.60	3.108	6.203	142.2
	7.000	10.76	0.8950	34.71	47.72	11.05	3.106	5.999	149.5
	8.000	9.084	0.9274	38.18	53.59	11.84	3.107	5.755	162.5
	9.000	7.899	0.9480	41.54	59.27	12.51	3.110	5.615	174.1
	10.00	7.006	0.9619	44.85	64.83	13.09	3.114	5.526	184.7
	12.00	5.738	0.9789	51.37	75.77	14.09	3.119	5.419	203.8
	15.00	4.533	0.9913	61.00	91.88	15.29	3.122	5.336	228.8
	20.00	3.372	0.9994	76.86	118.4	16.81	3.123	5.273	264.7
	25.00	2.690	1.002	92.62	144.7	17.99	3.122	5.243	296.0
	30.00	2.239	1.003	108.3	170.8	18.94	3.121	5.227	324.1
	40.00	1.679	1.004	139.6	223.0	20.44	3.120	5.211	373.9
	50.00	1.343	1.003	170.9	275.1	21.60	3.119	5.204	417.7
	60.00	1.120	1.003	202.1	327.1	22.55	3.118	5.200	457.3
	80.00	0.8404	1.002	264.5	431.1	24.05	3.118	5.196	527.6
	100.0	0.6726	1.002	326.8	535.0	25.21	3.117	5.195	589.6
	120.0	0.5607	1.002	389.2	638.9	26.15	3.117	5.194	645.6
	140.0	0.4807	1.001	451.5	742.7	26.96	3.117	5.194	697.2
	160.0	0.4207	1.001	513.8	846.6	27.65	3.116	5.193	745.2
	180.0	0.3740	1.001	576.2	950.5	28.26	3.116	5.193	790.2
	200.0	0.3366	1.001	638.5	1054.	28.81	3.116	5.193	832.9
	220.0	0.3061	1.001	700.8	1158.	29.30	3.116	5.193	873.5
	240.0	0.2806	1.001	763.1	1262.	29.75	3.116	5.193	912.2
	260.0	0.2590	1.001	825.4	1366.	30.17	3.116	5.193	949.4
	280.0	0.2405	1.001	887.8	1470.	30.55	3.116	5.193	985.2
	300.0	0.2245	1.001	950.1	1574.	30.91	3.116	5.193	1020.
	350.0	0.1925	1.001	1106.	1833.	31.71	3.116	5.193	1101.
	400.0	0.1684	1.000	1262.	2093.	32.41	3.116	5.193	1177.
	500.0	0.1347	1.000	1573.	2612.	33.57	3.116	5.193	1316.
	600.0	0.1123	1.000	1885.	3132.	34.51	3.116	5.193	1442.
	700.0	0.9626E-01	1.000	2196.	3651.	35.31	3.116	5.193	1557.
	800.0	0.8423E-01	1.000	2508.	4170.	36.01	3.116	5.193	1665.
	900.0	0.7487E-01	1.000	2820.	4689.	36.62	3.116	5.193	1765.
	1000.	0.6739E-01	1.000	3131.	5209.	37.17	3.116	5.193	1861.
	1100.	0.6126E-01	1.000	3443.	5728.	37.66	3.116	5.193	1952.
	1200.	0.5616E-01	1.000	3754.	6247.	38.11	3.116	5.193	2038.
	1300.	0.5184E-01	1.000	4066.	6767.	38.53	3.116	5.193	2122.
	1400.	0.4814E-01	1.000	4378.	7286.	38.91	3.116	5.193	2202.
	1500.	0.4493E-01	1.000	4689.	7805.	39.27	3.116	5.193	2279.

PRESSURE = 0.140 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m <sup>2</sup> K]	VISC [μPa·s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.4428E-03	1.530	0.1543E-01	0.5817E-01				
1.000	0.3426E-03	0.2044	0.1543E-01	0.5817E-01				
1.200	-0.7048E-03	-0.1117	0.1539E-01	0.5817E-01				
1.400	-0.3127E-02	-0.1744	0.1538E-01	0.5818E-01				
1.600	-0.7535E-02	-0.1777	0.1553E-01	0.5822E-01				
1.800	-0.1542E-01	-0.1711	0.1600E-01	0.5830E-01				
2.000	-0.3165E-01	-0.1684	0.1691E-01	0.5844E-01				
2.064	-0.4165E-01	-0.1704	0.1729E-01	0.5851E-01				
2.154	-0.8392E-01	-0.1961	0.1801E-01	0.5865E-01				
2.163	-0.1237	-0.2239	0.1831E-01	0.5867E-01				
2.165	-0.4749E-01	-0.1440	0.1783E-01	0.5868E-01				
2.174	-0.2276E-02	-0.1107E-01	0.1759E-01	0.5868E-01				
2.264	0.4428E-01	0.3909	0.1764E-01	0.5861E-01				
2.400	0.6913E-01	0.7043	0.1805E-01	0.5842E-01				
2.700	0.1184	1.067	0.1992E-01	0.5778E-01				
3.000	0.1789	1.271	0.2281E-01	0.5687E-01				
3.300	0.2497	1.293	0.2661E-01	0.5571E-01				
3.600	0.3439	1.285	0.3234E-01	0.5428E-01	0.1842E-01	3.627	0.3968E-07	0.6632
3.900	0.4816	1.271	0.4166E-01	0.5251E-01	0.1883E-01	3.530	0.3577E-07	0.7396
4.200	0.7142	1.247	0.5914E-01	0.5025E-01	0.1900E-01	3.384	0.3113E-07	0.8508
4.500	1.246	1.199	0.1040	0.4708E-01	0.1890E-01	3.168	0.2439E-07	1.084
4.584	1.566	1.177	0.1330	0.4587E-01	0.1882E-01	3.085	0.2168E-07	1.219
4.584	4.005	0.7196	2.235	0.9357E-02	0.1046E-01	1.409	0.3542E-07	1.652
4.800	2.769	0.7148	1.728	0.8044E-02	0.1058E-01	1.431	0.5431E-07	1.273
5.000	2.298	0.7132	1.533	0.7259E-02	0.1079E-01	1.461	0.6946E-07	1.125
5.100	2.146	0.7127	1.470	0.6946E-02	0.1091E-01	1.477	0.7666E-07	1.077
5.300	1.927	0.7119	1.378	0.6423E-02	0.1115E-01	1.511	0.9065E-07	1.007
5.500	1.775	0.7112	1.315	0.5998E-02	0.1141E-01	1.546	0.1043E-06	0.9587
6.000	1.542	0.7092	1.217	0.5195E-02	0.1206E-01	1.636	0.1382E-06	0.8840
6.500	1.409	0.7068	1.161	0.4618E-02	0.1273E-01	1.726	0.1724E-06	0.8409
7.000	1.323	0.7043	1.124	0.4173E-02	0.1340E-01	1.815	0.2076E-06	0.8128
8.000	1.219	0.6994	1.080	0.3523E-02	0.1469E-01	1.989	0.2810E-06	0.7793
9.000	1.159	0.6951	1.055	0.3063E-02	0.1590E-01	2.156	0.3585E-06	0.7613
10.00	1.120	0.6916	1.039	0.2717E-02	0.1704E-01	2.316	0.4402E-06	0.7509
12.00	1.075	0.6862	1.021	0.2224E-02	0.1915E-01	2.617	0.6160E-06	0.7404
15.00	1.041	0.6811	1.008	0.1757E-02	0.2201E-01	3.028	0.9101E-06	0.7342
20.00	1.018	0.6764	1.000	0.1307E-02	0.2627E-01	3.635	0.1478E-05	0.7295
25.00	1.008	0.6738	0.9977	0.1042E-02	0.3015E-01	4.171	0.2138E-05	0.7254
30.00	1.004	0.6723	0.9967	0.8677E-03	0.3377E-01	4.657	0.2885E-05	0.7209
40.00	0.9997	0.6705	0.9963	0.6505E-03	0.4049E-01	5.527	0.4628E-05	0.7114
50.00	0.9984	0.6695	0.9966	0.5205E-03	0.4672E-01	6.305	0.6683E-05	0.7023
60.00	0.9980	0.6689	0.9969	0.4339E-03	0.5259E-01	7.021	0.9031E-05	0.6943
80.00	0.9979	0.6682	0.9975	0.3256E-03	0.6355E-01	8.335	0.1455E-04	0.6815
100.0	0.9981	0.6679	0.9980	0.2606E-03	0.7375E-01	9.547	0.2111E-04	0.6725
120.0	0.9983	0.6676	0.9983	0.2172E-03	0.8337E-01	10.70	0.2863E-04	0.6665
140.0	0.9985	0.6674	0.9985	0.1862E-03	0.9253E-01	11.80	0.3706E-04	0.6626
160.0	0.9986	0.6673	0.9987	0.1630E-03	0.1013	12.88	0.4638E-04	0.6604
180.0	0.9988	0.6672	0.9989	0.1449E-03	0.1098	13.94	0.5653E-04	0.6592
200.0	0.9989	0.6672	0.9990	0.1304E-03	0.1180	15.00	0.6750E-04	0.6602
220.0	0.9990	0.6671	0.9991	0.1186E-03	0.1260	16.04	0.7926E-04	0.6610
240.0	0.9991	0.6671	0.9992	0.1087E-03	0.1338	17.04	0.9179E-04	0.6616
260.0	0.9992	0.6670	0.9992	0.1004E-03	0.1413	18.02	0.1051E-03	0.6621
280.0	0.9992	0.6670	0.9993	0.9319E-04	0.1487	18.98	0.1191E-03	0.6626
300.0	0.9993	0.6670	0.9994	0.8698E-04	0.1560	19.92	0.1338E-03	0.6630
350.0	0.9994	0.6669	0.9995	0.7456E-04	0.1736	22.18	0.1737E-03	0.6637
400.0	0.9995	0.6669	0.9995	0.6525E-04	0.1904	24.35	0.2177E-03	0.6642
500.0	0.9996	0.6668	0.9996	0.5220E-04	0.2223	28.47	0.3177E-03	0.6649
600.0	0.9997	0.6668	0.9997	0.4351E-04	0.2524	32.34	0.4329E-03	0.6653
700.0	0.9997	0.6668	0.9998	0.3729E-04	0.2811	36.02	0.5623E-03	0.6655
800.0	0.9998	0.6668	0.9998	0.3263E-04	0.3085	39.55	0.7054E-03	0.6656
900.0	0.9998	0.6668	0.9998	0.2901E-04	0.3350	42.94	0.8616E-03	0.6657
1000.	0.9998	0.6667	0.9998	0.2611E-04	0.3606	46.23	0.1031E-02	0.6657
1100.	0.9998	0.6667	0.9999	0.2373E-04	0.3855	49.42	0.1212E-02	0.6657
1200.	0.9999	0.6667	0.9999	0.2176E-04	0.4097	52.52	0.1405E-02	0.6657
1300.	0.9999	0.6667	0.9999	0.2008E-04	0.4333	55.55	0.1610E-02	0.6657
1400.	0.9999	0.6667	0.9999	0.1865E-04	0.4564	58.50	0.1826E-02	0.6656
1500.	0.9999	0.6667	0.9999	0.1741E-04	0.4790	61.40	0.2053E-02	0.6656

PRESSURE = 0.160 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	V SOUND [m/s]
	0.8000	147.9	0.6511	0.1124E-01	1.093	0.4115E-02	0.2216E-01	0.2217E-01	249.8
	1.000	147.9	0.5210	0.2212E-01	1.104	0.1605E-01	0.1035	0.1035	249.7
	1.200	147.9	0.4341	0.6186E-01	1.144	0.5166E-01	0.3254	0.3254	249.9
	1.400	147.9	0.3720	0.1689	1.251	0.1330	0.7922	0.7922	250.0
	1.600	148.0	0.3253	0.4041	1.485	0.2884	1.621	1.623	248.7
	1.800	148.2	0.2887	0.8549	1.935	0.5514	2.967	2.976	245.0
	2.000	148.6	0.2592	1.660	2.737	0.9720	5.261	5.292	238.6
1	2.062	148.7	0.2511	2.026	3.102	1.151	6.437	6.487	236.1
2	2.152	149.1	0.2400	2.745	3.818	1.491	10.33	10.51	232.2
3	2.161	149.2	0.2389	2.849	3.921	1.539	13.06	13.44	231.5
3	2.163	149.2	0.2387	2.873	3.946	1.550	8.004	8.064	232.2
2	2.172	149.2	0.2377	2.927	4.000	1.575	5.037	5.038	233.0
1	2.262	149.0	0.2285	3.229	4.303	1.712	2.658	2.703	234.8
	2.400	148.5	0.2161	3.557	4.634	1.854	2.126	2.229	236.2
	2.700	147.0	0.1941	4.191	5.280	2.108	1.960	2.203	234.5
	3.000	144.8	0.1774	4.858	5.964	2.348	1.986	2.428	230.7
	3.300	141.9	0.1645	5.626	6.754	2.598	2.168	2.850	224.3
	3.600	138.5	0.1545	6.523	7.679	2.866	2.326	3.324	215.6
	3.900	134.2	0.1472	7.563	8.755	3.153	2.438	3.872	204.8
	4.200	128.8	0.1424	8.780	10.02	3.466	2.517	4.630	191.3
	4.500	121.5	0.1409	10.28	11.59	3.827	2.581	6.027	173.2
L	4.744	112.1	0.1449	11.96	13.38	4.213	2.644	9.439	151.2
V	4.744	28.57	0.5683	24.12	29.72	7.650	3.119	15.49	100.6
	4.800	26.99	0.5946	24.59	30.52	7.817	3.126	13.27	103.0
	5.000	23.32	0.6606	25.92	32.78	8.280	3.132	9.987	109.9
	5.100	22.05	0.6851	26.48	33.74	8.469	3.130	9.219	112.8
	5.300	20.06	0.7246	27.50	35.48	8.804	3.125	8.255	118.0
	5.500	18.53	0.7558	28.43	37.07	9.098	3.120	7.665	122.6
	6.000	15.80	0.8123	30.55	40.67	9.725	3.109	6.846	132.6
	6.500	13.93	0.8509	32.49	43.98	10.25	3.104	6.419	141.1
	7.000	12.52	0.8789	34.34	47.11	10.72	3.103	6.156	148.7
	8.000	10.50	0.9167	37.87	53.10	11.52	3.105	5.853	162.0
	9.000	9.100	0.9405	41.28	58.86	12.20	3.109	5.684	173.8
	10.00	8.053	0.9565	44.62	64.49	12.79	3.113	5.578	184.5
	12.00	6.577	0.9759	51.18	75.51	13.80	3.119	5.452	203.8
	15.00	5.186	0.9901	60.85	91.70	15.00	3.123	5.356	228.9
	20.00	3.854	0.9993	76.76	118.3	16.53	3.124	5.284	264.9
	25.00	3.073	1.003	92.54	144.6	17.71	3.123	5.250	296.2
	30.00	2.558	1.004	108.3	170.8	18.66	3.122	5.232	324.4
	40.00	1.918	1.004	139.6	223.0	20.16	3.121	5.214	374.2
	50.00	1.534	1.004	170.8	275.1	21.33	3.119	5.206	417.9
	60.00	1.279	1.004	202.1	327.1	22.27	3.119	5.201	457.5
	80.00	0.9601	1.003	264.5	431.1	23.77	3.118	5.197	527.8
	100.0	0.7685	1.002	326.8	535.0	24.93	3.117	5.195	589.8
	120.0	0.6406	1.002	389.2	638.9	25.88	3.117	5.194	645.8
	140.0	0.5493	1.002	451.5	742.8	26.68	3.117	5.194	697.3
	160.0	0.4807	1.001	513.8	846.7	27.37	3.117	5.193	745.3
	180.0	0.4274	1.001	576.2	950.5	27.98	3.116	5.193	790.4
	200.0	0.3847	1.001	638.5	1054.	28.53	3.116	5.193	833.0
	220.0	0.3498	1.001	700.8	1158.	29.03	3.116	5.193	873.6
	240.0	0.3206	1.001	763.1	1262.	29.48	3.116	5.193	912.3
	260.0	0.2960	1.001	825.5	1366.	29.89	3.116	5.193	949.5
	280.0	0.2749	1.001	887.8	1470.	30.28	3.116	5.193	985.3
	300.0	0.2566	1.001	950.1	1574.	30.64	3.116	5.193	1020.
	350.0	0.2199	1.001	1106.	1833.	31.44	3.116	5.193	1101.
	400.0	0.1925	1.001	1262.	2093.	32.13	3.116	5.193	1177.
	500.0	0.1540	1.000	1573.	2612.	33.29	3.116	5.193	1316.
	800.0	0.1283	1.000	1885.	3132.	34.24	3.116	5.193	1442.
	700.0	0.1100	1.000	2196.	3651.	35.04	3.116	5.193	1557.
	800.0	0.9626E-01	1.000	2508.	4170.	35.73	3.116	5.193	1665.
	900.0	0.8557E-01	1.000	2820.	4689.	36.34	3.116	5.193	1766.
	1000.	0.7701E-01	1.000	3131.	5209.	36.89	3.116	5.193	1861.
	1100.	0.7001E-01	1.000	3443.	5728.	37.38	3.116	5.193	1952.
	1200.	0.6418E-01	1.000	3754.	6247.	37.83	3.116	5.193	2039.
	1300.	0.5924E-01	1.000	4066.	6767.	38.25	3.116	5.193	2122.
	1400.	0.5501E-01	1.000	4378.	7286.	38.64	3.116	5.193	2202.
	1500.	0.5134E-01	1.000	4689.	7805.	38.99	3.116	5.193	2279.

PRESSURE = 0.160 [MPa]

TEMP [K]	$\left(\frac{\tau}{\nu} \frac{\partial \nu}{\partial T}\right)_P$	$\left(\frac{\nu}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m·K]	VISC [μPa·s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.4240E-03	1.492	0.1735E-01	0.5830E-01				
1.000	0.3593E-03	0.2164	0.1736E-01	0.5830E-01				
1.200	-0.6726E-03	-0.1076	0.1732E-01	0.5830E-01				
1.400	-0.3179E-02	-0.1790	0.1732E-01	0.5831E-01				
1.600	-0.7864E-02	-0.1873	0.1750E-01	0.5835E-01				
1.800	-0.1629E-01	-0.1825	0.1804E-01	0.5843E-01				
2.000	-0.3321E-01	-0.1786	0.1903E-01	0.5858E-01				
2.062	-0.4308E-01	-0.1786	0.1944E-01	0.5865E-01				
2.152	-0.8555E-01	-0.2039	0.2025E-01	0.5880E-01				
2.161	-0.1257	-0.2320	0.2060E-01	0.5882E-01				
2.163	-0.4925E-01	-0.1522	0.2004E-01	0.5883E-01				
2.172	-0.3579E-02	-0.1775E-01	0.1976E-01	0.5883E-01				
2.262	0.4311E-01	0.3888	0.1980E-01	0.5877E-01				
2.400	0.6791E-01	0.7082	0.2024E-01	0.5857E-01				
2.700	0.1158	1.071	0.2224E-01	0.5794E-01				
3.000	0.1745	1.276	0.2538E-01	0.5705E-01				
3.300	0.2427	1.298	0.2946E-01	0.5592E-01				
3.600	0.3322	1.290	0.3553E-01	0.5453E-01	0.1852E-01	3.668	0.4024E-07	0.6584
3.900	0.4602	1.278	0.4516E-01	0.5282E-01	0.1895E-01	3.574	0.3647E-07	0.7303
4.200	0.6681	1.257	0.6247E-01	0.5067E-01	0.1916E-01	3.435	0.3213E-07	0.8301
4.500	1.099	1.215	0.1026	0.4774E-01	0.1911E-01	3.235	0.2610E-07	1.020
4.744	2.244	1.145	0.2230	0.4400E-01	0.1890E-01	2.982	0.1787E-07	1.489
4.744	5.365	0.7389	2.748	0.1110E-01	0.1137E-01	1.498	0.2570E-07	2.040
4.800	4.415	0.7349	2.374	0.1049E-01	0.1128E-01	1.496	0.3151E-07	1.759
5.000	3.009	0.7274	1.813	0.9059E-02	0.1127E-01	1.509	0.4837E-07	1.338
5.100	2.681	0.7254	1.680	0.8563E-02	0.1132E-01	1.520	0.5571E-07	1.238
5.300	2.271	0.7227	1.513	0.7788E-02	0.1149E-01	1.548	0.6938E-07	1.112
5.500	2.021	0.7208	1.411	0.7194E-02	0.1169E-01	1.579	0.8231E-07	1.035
6.000	1.676	0.7171	1.268	0.6134E-02	0.1226E-01	1.662	0.1134E-06	0.9277
6.500	1.496	0.7137	1.194	0.5404E-02	0.1289E-01	1.748	0.1442E-06	0.8707
7.000	1.385	0.7104	1.147	0.4857E-02	0.1353E-01	1.835	0.1756E-06	0.8347
8.000	1.256	0.7044	1.094	0.4074E-02	0.1480E-01	2.005	0.2407E-06	0.7930
9.000	1.184	0.6994	1.064	0.3529E-02	0.1600E-01	2.170	0.3093E-06	0.7710
10.00	1.139	0.6953	1.045	0.3123E-02	0.1713E-01	2.328	0.3813E-06	0.7582
12.00	1.086	0.6891	1.024	0.2550E-02	0.1922E-01	2.626	0.5360E-06	0.7451
15.00	1.047	0.6832	1.010	0.2010E-02	0.2206E-01	3.036	0.7943E-06	0.7370
20.00	1.020	0.6778	1.000	0.1494E-02	0.2631E-01	3.841	0.1292E-05	0.7311
25.00	1.009	0.6749	0.9974	0.1191E-02	0.3018E-01	4.176	0.1871E-05	0.7264
30.00	1.004	0.6731	0.9962	0.9913E-03	0.3380E-01	4.662	0.2525E-05	0.7216
40.00	0.9997	0.6710	0.9958	0.7431E-03	0.4051E-01	5.531	0.4052E-05	0.7118
50.00	0.9982	0.6699	0.9961	0.5946E-03	0.4674E-01	6.308	0.5851E-05	0.7026
60.00	0.9977	0.6693	0.9965	0.4957E-03	0.5261E-01	7.024	0.7907E-05	0.6944
80.00	0.9976	0.6685	0.9972	0.3720E-03	0.6357E-01	8.338	0.1274E-04	0.6816
100.0	0.9978	0.6680	0.9977	0.2977E-03	0.7376E-01	9.550	0.1848E-04	0.6726
120.0	0.9981	0.6677	0.9980	0.2482E-03	0.8338E-01	10.70	0.2506E-04	0.6665
140.0	0.9983	0.6676	0.9983	0.2128E-03	0.9255E-01	11.81	0.3244E-04	0.6626
160.0	0.9985	0.6674	0.9985	0.1862E-03	0.1013	12.89	0.4059E-04	0.6604
180.0	0.9986	0.6673	0.9987	0.1656E-03	0.1098	13.94	0.4948E-04	0.6592
200.0	0.9987	0.6672	0.9989	0.1490E-03	0.1180	15.00	0.5908E-04	0.6602
220.0	0.9989	0.6672	0.9990	0.1355E-03	0.1260	16.04	0.6937E-04	0.6609
240.0	0.9990	0.6671	0.9991	0.1242E-03	0.1338	17.04	0.8034E-04	0.6616
260.0	0.9990	0.6671	0.9991	0.1147E-03	0.1414	18.02	0.9196E-04	0.6621
280.0	0.9991	0.6671	0.9992	0.1065E-03	0.1488	18.98	0.1042E-03	0.6626
300.0	0.9992	0.6670	0.9993	0.9940E-04	0.1560	19.92	0.1171E-03	0.6629
350.0	0.9993	0.6670	0.9994	0.8521E-04	0.1736	22.18	0.1520E-03	0.6637
400.0	0.9994	0.6669	0.9995	0.7456E-04	0.1904	24.35	0.1905E-03	0.6642
500.0	0.9995	0.6669	0.9996	0.5966E-04	0.2223	28.47	0.2780E-03	0.6648
600.0	0.9996	0.6668	0.9997	0.4972E-04	0.2524	32.34	0.3788E-03	0.6652
700.0	0.9997	0.6668	0.9997	0.4262E-04	0.2811	36.02	0.4921E-03	0.6654
800.0	0.9997	0.6668	0.9998	0.3729E-04	0.3086	39.54	0.6173E-03	0.6655
900.0	0.9998	0.6668	0.9998	0.3315E-04	0.3350	42.94	0.7540E-03	0.6656
1000.	0.9998	0.6668	0.9998	0.2984E-04	0.3606	46.23	0.9018E-03	0.6656
1100.	0.9998	0.6667	0.9998	0.2712E-04	0.3855	49.41	0.1060E-02	0.6656
1200.	0.9998	0.6667	0.9999	0.2486E-04	0.4097	52.52	0.1229E-02	0.6656
1300.	0.9998	0.6667	0.9999	0.2295E-04	0.4333	55.54	0.1409E-02	0.6656
1400.	0.9999	0.6667	0.9999	0.2131E-04	0.4564	58.50	0.1598E-02	0.6656
1500.	0.9999	0.6667	0.9999	0.1989E-04	0.4790	61.39	0.1797E-02	0.6655

PRESSURE = 0.180 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	VSOUND [m/s]
	0.8000	148.2	0.7309	0.1365E-01	1.228	0.4045E-02	0.2205E-01	0.2206E-01	251.5
	1.000	148.2	0.5848	0.2455E-01	1.239	0.1600E-01	0.1038	0.1039	251.3
	1.200	148.2	0.4873	0.6441E-01	1.279	0.5174E-01	0.3265	0.3265	251.5
	1.400	148.2	0.4176	0.1718	1.386	0.1333	0.7943	0.7947	251.5
	1.600	148.3	0.3651	0.4077	1.621	0.2890	1.624	1.627	250.1
	1.800	148.5	0.3241	0.8597	2.072	0.5526	2.973	2.983	246.4
	2.000	148.9	0.2909	1.667	2.876	0.9743	5.273	5.307	240.1
1	2.060	149.1	0.2821	2.022	3.229	1.148	6.412	6.466	237.8
2	2.150	149.5	0.2696	2.739	3.943	1.487	10.28	10.47	233.9
3	2.159	149.5	0.2684	2.842	4.046	1.534	12.99	13.39	233.2
3	2.161	149.5	0.2681	2.867	4.071	1.546	7.971	8.037	233.9
2	2.170	149.6	0.2670	2.921	4.124	1.571	5.015	5.015	234.7
1	2.260	149.4	0.2566	3.221	4.426	1.707	2.645	2.688	236.6
	2.400	148.9	0.2425	3.551	4.760	1.851	2.111	2.212	238.0
	2.700	147.4	0.2178	4.179	5.400	2.102	1.949	2.186	236.6
	3.000	145.2	0.1989	4.838	6.078	2.340	1.975	2.407	232.9
	3.300	142.4	0.1843	5.597	6.861	2.588	2.159	2.823	226.7
	3.600	139.1	0.1731	6.481	7.776	2.853	2.318	3.283	218.2
	3.900	134.9	0.1647	7.503	8.837	3.136	2.430	3.807	207.9
	4.200	129.8	0.1590	8.690	10.08	3.442	2.508	4.504	195.1
	4.500	122.9	0.1566	10.12	11.59	3.789	2.570	5.696	178.4
	4.800	112.2	0.1609	12.09	13.69	4.240	2.641	9.190	153.5
L	4.891	106.7	0.1661	12.98	14.67	4.442	2.675	13.04	142.0
V	4.891	34.01	0.5209	23.57	28.87	7.339	3.080	21.98	100.8
	5.000	29.78	0.5819	24.69	30.73	7.717	3.100	14.14	105.5
	5.100	27.42	0.6197	25.45	32.01	7.970	3.107	11.72	109.1
	5.300	24.23	0.6747	26.68	34.11	8.374	3.111	9.548	115.1
	5.500	22.04	0.7150	27.73	35.90	8.706	3.110	8.490	120.3
	6.000	18.41	0.7843	30.01	39.79	9.383	3.103	7.243	131.0
	6.500	16.06	0.8299	32.04	43.25	9.937	3.100	6.665	139.9
	7.000	14.35	0.8625	33.95	46.49	10.42	3.099	6.328	147.8
	8.000	11.96	0.9059	37.56	52.61	11.24	3.103	5.955	161.5
	9.000	10.32	0.9330	41.01	58.46	11.92	3.108	5.755	173.5
	10.00	9.111	0.9511	44.39	64.15	12.52	3.112	5.631	184.4
	12.00	7.422	0.9730	50.99	75.25	13.54	3.119	5.486	203.8
	15.00	5.842	0.9889	60.71	91.52	14.75	3.123	5.377	229.1
	20.00	4.336	0.9993	76.66	118.2	16.28	3.125	5.295	265.2
	25.00	3.456	1.003	92.46	144.5	17.46	3.124	5.257	296.5
	30.00	2.876	1.004	108.2	170.8	18.41	3.123	5.237	324.6
	40.00	2.156	1.005	139.5	223.0	19.92	3.121	5.216	374.4
	50.00	1.725	1.004	170.8	275.1	21.08	3.120	5.207	418.2
	60.00	1.438	1.004	202.0	327.2	22.03	3.119	5.202	457.7
	80.00	1.080	1.003	264.5	431.2	23.53	3.118	5.197	528.0
	100.0	0.8643	1.003	326.8	535.1	24.69	3.117	5.195	589.9
	120.0	0.7205	1.002	389.2	639.0	25.63	3.117	5.194	645.9
	140.0	0.6178	1.002	451.5	742.9	26.43	3.117	5.194	697.4
	160.0	0.5407	1.002	513.8	846.7	27.13	3.117	5.193	745.4
	180.0	0.4807	1.001	576.2	950.6	27.74	3.117	5.193	790.5
	200.0	0.4327	1.001	638.5	1054.	28.29	3.116	5.193	833.1
	220.0	0.3934	1.001	700.8	1158.	28.78	3.116	5.193	873.7
	240.0	0.3607	1.001	763.1	1262.	29.23	3.116	5.193	912.4
	260.0	0.3330	1.001	825.5	1366.	29.65	3.116	5.193	949.6
	280.0	0.3092	1.001	887.8	1470.	30.03	3.116	5.193	985.4
	300.0	0.2886	1.001	950.1	1574.	30.39	3.116	5.193	1020.
	350.0	0.2474	1.001	1106.	1833.	31.19	3.116	5.193	1101.
	400.0	0.2165	1.001	1262.	2093.	31.88	3.116	5.193	1177.
	500.0	0.1732	1.000	1573.	2612.	33.04	3.116	5.193	1316.
	600.0	0.1444	1.000	1885.	3132.	33.99	3.116	5.193	1442.
	700.0	0.1238	1.000	2196.	3651.	34.79	3.116	5.193	1557.
	800.0	0.1083	1.000	2508.	4170.	35.48	3.116	5.193	1665.
	900.0	0.9628E-01	1.000	2820.	4690.	36.10	3.116	5.193	1766.
	1000.	0.8664E-01	1.000	3131.	5209.	36.64	3.116	5.193	1861.
	1100.	0.7876E-01	1.000	3443.	5728.	37.14	3.116	5.193	1952.
	1200.	0.7220E-01	1.000	3754.	6247.	37.59	3.116	5.193	2039.
	1300.	0.6655E-01	1.000	4066.	6767.	38.01	3.116	5.193	2122.
	1400.	0.6189E-01	1.000	4378.	7286.	38.39	3.116	5.193	2202.
	1500.	0.5776E-01	1.000	4689.	7805.	38.75	3.116	5.193	2279.

PRESSURE = 0.180 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m·K]	VISC [μPa·s]	THDIFF [m <sup>2</sup> /s]	FRANDTL
0.8000	0.4020E-03	1.441	0.1921E-01	0.5843E-01				
1.000	0.3694E-03	0.2247	0.1923E-01	0.5842E-01				
1.200	-0.6488E-03	-0.1048	0.1920E-01	0.5842E-01				
1.400	-0.3238E-02	-0.1840	0.1922E-01	0.5844E-01				
1.600	-0.8194E-02	-0.1969	0.1943E-01	0.5848E-01				
1.800	-0.1713E-01	-0.1938	0.2002E-01	0.5857E-01				
2.000	-0.3471E-01	-0.1885	0.2110E-01	0.5872E-01				
2.060	-0.4442E-01	-0.1886	0.2152E-01	0.5879E-01				
2.150	-0.6716E-01	-0.2117	0.2242E-01	0.5894E-01				
2.159	-0.1276	-0.2401	0.2282E-01	0.5897E-01				
2.161	-0.5097E-01	-0.1605	0.2218E-01	0.5897E-01				
2.170	-0.4843E-02	-0.2451E-01	0.2185E-01	0.5898E-01				
2.260	0.4199E-01	0.3867	0.2188E-01	0.5892E-01				
2.400	0.6677E-01	0.7126	0.2235E-01	0.5872E-01				
2.700	0.1133	1.075	0.2447E-01	0.5811E-01				
3.000	0.1705	1.281	0.2783E-01	0.5723E-01				
3.300	0.2361	1.303	0.3215E-01	0.5613E-01				
3.600	0.3215	1.295	0.3849E-01	0.5477E-01	0.1861E-01	3.709	0.4077E-07	0.6542
3.900	0.4411	1.284	0.4835E-01	0.5312E-01	0.1907E-01	3.617	0.3713E-07	0.7220
4.200	0.6290	1.266	0.6544E-01	0.5106E-01	0.1931E-01	3.484	0.3304E-07	0.8126
4.500	0.9898	1.229	0.1020	0.4833E-01	0.1931E-01	3.297	0.2758E-07	0.9725
4.800	2.155	1.151	0.2369	0.4405E-01	0.1910E-01	3.008	0.1852E-07	1.447
4.891	3.501	1.106	0.4082	0.4185E-01	0.1903E-01	2.864	0.1369E-07	1.962
4.891	8.059	0.7614	3.719	0.1323E-01	0.1256E-01	1.595	0.1680E-07	2.791
5.000	4.753	0.7489	2.475	0.1158E-01	0.1209E-01	1.578	0.2871E-07	1.845
5.100	3.732	0.7429	2.081	0.1066E-01	0.1196E-01	1.578	0.3722E-07	1.546
5.300	2.811	0.7361	1.720	0.9416E-02	0.1195E-01	1.593	0.5162E-07	1.273
5.500	2.364	0.7320	1.542	0.8559E-02	0.1205E-01	1.617	0.6440E-07	1.139
6.000	1.838	0.7257	1.330	0.7149E-02	0.1250E-01	1.691	0.9370E-07	0.9799
6.500	1.595	0.7209	1.231	0.6235E-02	0.1306E-01	1.772	0.1220E-06	0.9041
7.000	1.454	0.7168	1.173	0.5569E-02	0.1368E-01	1.856	0.1506E-06	0.8586
8.000	1.296	0.7096	1.108	0.4639E-02	0.1492E-01	2.022	0.2095E-06	0.8072
9.000	1.210	0.7037	1.073	0.4003E-02	0.1610E-01	2.184	0.2710E-06	0.7807
10.00	1.158	0.6990	1.051	0.3533E-02	0.1721E-01	2.340	0.3356E-06	0.7654
12.00	1.097	0.6919	1.027	0.2878E-02	0.1929E-01	2.636	0.4738E-06	0.7497
15.00	1.053	0.6853	1.011	0.2265E-02	0.2212E-01	3.044	0.7043E-06	0.7398
20.00	1.023	0.6792	1.001	0.1681E-02	0.2636E-01	3.647	0.1148E-05	0.7326
25.00	1.011	0.6759	0.9970	0.1340E-02	0.3022E-01	4.181	0.1663E-05	0.7274
30.00	1.005	0.6739	0.9958	0.1115E-02	0.3383E-01	4.666	0.2246E-05	0.7223
40.00	0.9996	0.6716	0.9953	0.8355E-03	0.4054E-01	5.534	0.3604E-05	0.7122
50.00	0.9980	0.6703	0.9956	0.6686E-03	0.4676E-01	6.311	0.5205E-05	0.7028
60.00	0.9974	0.6696	0.9960	0.5574E-03	0.5263E-01	7.027	0.7033E-05	0.6946
80.00	0.9973	0.6687	0.9968	0.4183E-03	0.6359E-01	8.340	0.1133E-04	0.6817
100.0	0.9975	0.6682	0.9974	0.3349E-03	0.7378E-01	9.552	0.1643E-04	0.6726
120.0	0.9978	0.6679	0.9978	0.2792E-03	0.8340E-01	10.70	0.2228E-04	0.6665
140.0	0.9981	0.6677	0.9981	0.2394E-03	0.9256E-01	11.81	0.2885E-04	0.6626
160.0	0.9983	0.6675	0.9984	0.2095E-03	0.1014	12.89	0.3609E-04	0.6604
180.0	0.9984	0.6674	0.9986	0.1862E-03	0.1098	13.94	0.4400E-04	0.6592
200.0	0.9986	0.6673	0.9987	0.1676E-03	0.1180	15.01	0.5253E-04	0.6601
220.0	0.9987	0.6672	0.9988	0.1524E-03	0.1260	16.04	0.6168E-04	0.6609
240.0	0.9988	0.6672	0.9989	0.1397E-03	0.1338	17.04	0.7143E-04	0.6615
260.0	0.9989	0.6671	0.9990	0.1290E-03	0.1414	18.02	0.8176E-04	0.6621
280.0	0.9990	0.6671	0.9991	0.1198E-03	0.1488	18.98	0.9266E-04	0.6625
300.0	0.9991	0.6671	0.9992	0.1118E-03	0.1560	19.92	0.1041E-03	0.6629
350.0	0.9992	0.6670	0.9993	0.9585E-04	0.1736	22.18	0.1351E-03	0.6636
400.0	0.9993	0.6670	0.9994	0.8388E-04	0.1904	24.35	0.1694E-03	0.6641
500.0	0.9995	0.6669	0.9995	0.6711E-04	0.2224	28.46	0.2472E-03	0.6648
600.0	0.9996	0.6668	0.9996	0.5593E-04	0.2525	32.33	0.3367E-03	0.6651
700.0	0.9996	0.6668	0.9997	0.4794E-04	0.2811	36.02	0.4374E-03	0.6653
800.0	0.9997	0.6668	0.9997	0.4195E-04	0.3086	39.54	0.5487E-03	0.6655
900.0	0.9997	0.6668	0.9998	0.3729E-04	0.3350	42.94	0.6702E-03	0.6655
1000.	0.9998	0.6668	0.9998	0.3356E-04	0.3607	46.22	0.8016E-03	0.6655
1100.	0.9998	0.6668	0.9998	0.3051E-04	0.3855	49.41	0.9426E-03	0.6656
1200.	0.9998	0.6667	0.9998	0.2797E-04	0.4097	52.51	0.1093E-02	0.6655
1300.	0.9998	0.6667	0.9998	0.2582E-04	0.4333	55.54	0.1252E-02	0.6655
1400.	0.9998	0.6667	0.9999	0.2398E-04	0.4564	58.49	0.1420E-02	0.6655
1500.	0.9999	0.6667	0.9999	0.2238E-04	0.4790	61.39	0.1597E-02	0.6655

PRESSURE = 0.200 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	V SOUND [m/s]
	0.8000	148.5	0.8104	0.1631E-01	1.363	0.3979E-02	0.2192E-01	0.2193E-01	253.2
	1.000	148.5	0.6484	0.2721E-01	1.374	0.1595E-01	0.1042	0.1042	253.0
	1.200	148.5	0.5403	0.6721E-01	1.414	0.5181E-01	0.3276	0.3276	253.1
	1.400	148.5	0.4630	0.1750	1.522	0.1337	0.7964	0.7969	252.9
	1.600	148.6	0.4048	0.4116	1.757	0.2897	1.628	1.631	251.5
	1.800	148.9	0.3593	0.8649	2.208	0.5540	2.979	2.990	247.8
	2.000	149.3	0.3225	1.675	3.015	0.9766	5.285	5.323	241.7
1	2.058	149.4	0.3130	2.018	3.356	1.145	6.386	6.444	239.5
2	2.148	149.8	0.2991	2.793	4.067	1.482	10.23	10.43	235.6
3	2.157	149.9	0.2978	2.836	4.170	1.530	12.92	13.34	234.8
3	2.159	149.9	0.2974	2.861	4.195	1.542	7.939	8.010	235.6
2	2.168	149.9	0.2962	2.915	4.249	1.567	4.992	4.993	236.4
1	2.258	149.8	0.2847	3.213	4.549	1.702	2.632	2.673	238.3
	2.400	149.3	0.2688	3.545	4.885	1.847	2.097	2.195	239.8
	2.700	147.8	0.2413	4.167	5.520	2.096	1.937	2.169	238.7
	3.000	145.7	0.2203	4.819	6.192	2.332	1.966	2.387	235.1
	3.300	143.0	0.2041	5.569	6.968	2.578	2.150	2.797	229.0
	3.600	139.7	0.1915	6.442	7.874	2.841	2.310	3.246	220.9
	3.900	135.6	0.1820	7.446	8.921	3.120	2.422	3.747	210.9
	4.200	130.7	0.1754	8.606	10.14	3.420	2.499	4.395	198.8
	4.500	124.3	0.1722	9.986	11.59	3.755	2.559	5.434	183.2
	4.800	114.8	0.1747	11.79	13.53	4.170	2.623	7.942	161.2
	5.000	102.8	0.1872	13.74	15.68	4.609	2.696	16.58	137.1
L	5.026	99.90	0.1917	14.17	16.17	4.707	2.714	21.51	132.1
V	5.026	41.47	0.4619	22.66	27.48	6.953	3.034	41.36	101.3
	5.100	35.82	0.5271	23.89	29.47	7.346	3.064	20.02	104.8
	5.300	29.54	0.6150	25.66	32.43	7.916	3.089	11.94	112.0
	5.500	26.16	0.6691	26.93	34.57	8.312	3.095	9.739	117.8
	6.000	21.26	0.7547	29.44	38.84	9.057	3.096	7.737	129.4
	6.500	18.33	0.8083	31.58	42.49	9.642	3.094	6.947	138.8
	7.000	16.26	0.8458	33.55	45.85	10.14	3.095	6.519	146.9
	8.000	13.45	0.8950	37.24	52.11	10.98	3.100	6.064	161.0
	9.000	11.56	0.9255	40.75	58.05	11.68	3.106	5.828	173.3
	10.00	10.18	0.9457	44.15	63.80	12.28	3.112	5.685	184.3
	12.00	8.271	0.9700	50.81	74.99	13.30	3.119	5.520	203.8
	15.00	6.498	0.9877	60.56	91.34	14.52	3.124	5.398	229.2
	20.00	4.818	0.9992	76.55	118.1	16.06	3.125	5.306	265.4
	25.00	3.839	1.003	92.38	144.5	17.24	3.125	5.264	296.8
	30.00	3.194	1.005	108.1	170.7	18.19	3.124	5.242	324.9
	40.00	2.395	1.005	139.5	223.0	19.70	3.122	5.219	374.7
	50.00	1.916	1.005	170.8	275.2	20.86	3.120	5.209	418.4
	60.00	1.598	1.004	202.0	327.2	21.81	3.119	5.203	458.0
	80.00	1.199	1.004	264.4	431.2	23.31	3.118	5.198	528.2
	100.0	0.9600	1.003	326.8	535.1	24.47	3.118	5.196	590.1
	120.0	0.8004	1.002	389.2	639.1	25.41	3.117	5.195	646.1
	140.0	0.6863	1.002	451.5	742.9	26.21	3.117	5.194	697.6
	160.0	0.6007	1.002	513.8	846.8	26.91	3.117	5.194	745.5
	180.0	0.5340	1.002	576.2	950.7	27.52	3.117	5.193	790.6
	200.0	0.4807	1.001	638.5	1055.	28.07	3.117	5.193	833.2
	220.0	0.4371	1.001	700.8	1158.	28.56	3.116	5.193	873.8
	240.0	0.4007	1.001	763.1	1262.	29.01	3.116	5.193	912.5
	260.0	0.3699	1.001	825.5	1366.	29.43	3.116	5.193	949.7
	280.0	0.3435	1.001	887.8	1470.	29.81	3.116	5.193	985.5
	300.0	0.3206	1.001	950.1	1574.	30.17	3.116	5.193	1020.
	350.0	0.2749	1.001	1106.	1833.	30.97	3.116	5.193	1102.
	400.0	0.2405	1.001	1262.	2093.	31.67	3.116	5.193	1177.
	500.0	0.1925	1.001	1573.	2612.	32.82	3.116	5.193	1316.
	600.0	0.1604	1.000	1885.	3132.	33.77	3.116	5.193	1442.
	700.0	0.1375	1.000	2196.	3651.	34.57	3.116	5.193	1557.
	800.0	0.1203	1.000	2508.	4170.	35.27	3.116	5.193	1665.
	900.0	0.1070	1.000	2820.	4690.	35.88	3.116	5.193	1766.
	1000.	0.9626E-01	1.000	3131.	5209.	36.42	3.116	5.193	1861.
	1100.	0.8751E-01	1.000	3443.	5728.	36.92	3.116	5.193	1952.
	1200.	0.8022E-01	1.000	3754.	6247.	37.37	3.116	5.193	2039.
	1300.	0.7405E-01	1.000	4066.	6767.	37.79	3.116	5.193	2122.
	1400.	0.6876E-01	1.000	4378.	7286.	38.17	3.116	5.193	2202.
	1500.	0.6418E-01	1.000	4689.	7805.	38.53	3.116	5.193	2279.

PRESSURE = 0.200 [MPa]

TEMP [K]	$\left(\frac{T}{V} \frac{\partial V}{\partial T}\right)_P$	$\left(\frac{V}{C_V} \frac{\partial P}{\partial T}\right)_V$	$\left(\frac{P}{\rho} \frac{\partial \rho}{\partial P}\right)_T$	DIEL - 1	CONDUCT [W/m <sup>2</sup> K]	VISC [μPa*s]	THDIFF [m <sup>2</sup> /s]	PRANDTL
0.8000	0.3779E-03	1.381	0.2101E-01	0.5856E-01				
1.000	0.3726E-03	0.2289	0.2104E-01	0.5855E-01				
1.200	-0.6359E-03	-0.1036	0.2103E-01	0.5855E-01				
1.400	-0.3307E-02	-0.1896	0.2106E-01	0.5857E-01				
1.600	-0.8526E-02	-0.2067	0.2131E-01	0.5861E-01				
1.800	-0.1795E-01	-0.2049	0.2195E-01	0.5870E-01				
2.000	-0.3615E-01	-0.1983	0.2311E-01	0.5886E-01				
2.058	-0.4570E-01	-0.1976	0.2354E-01	0.5893E-01				
2.148	-0.8874E-01	-0.2197	0.2452E-01	0.5909E-01				
2.157	-0.1296	-0.2484	0.2497E-01	0.5911E-01				
2.159	-0.5265E-01	-0.1689	0.2426E-01	0.5912E-01				
2.168	-0.6069E-02	-0.3131E-01	0.2389E-01	0.5912E-01				
2.258	0.4091E-01	0.3847	0.2389E-01	0.5906E-01				
2.400	0.6570E-01	0.7173	0.2439E-01	0.5886E-01				
2.700	0.1110	1.079	0.2661E-01	0.5827E-01				
3.000	0.1666	1.286	0.3017E-01	0.5741E-01				
3.300	0.2300	1.308	0.3469E-01	0.5633E-01				
3.600	0.3115	1.300	0.4126E-01	0.5501E-01	0.1871E-01	3.748	0.4128E-07	0.6503
3.900	0.4239	1.290	0.5128E-01	0.5340E-01	0.1919E-01	3.659	0.3775E-07	0.7146
4.200	0.5952	1.274	0.6811E-01	0.5142E-01	0.1946E-01	3.531	0.3388E-07	0.7975
4.500	0.9047	1.242	0.1018	0.4886E-01	0.1950E-01	3.355	0.2887E-07	0.9351
4.800	1.725	1.176	0.2030	0.4509E-01	0.1933E-01	3.098	0.2120E-07	1.273
5.000	4.766	1.080	0.6364	0.4033E-01	0.1924E-01	2.791	0.1128E-07	2.405
5.026	6.551	1.057	0.9093	0.3916E-01	0.1931E-01	2.720	0.8983E-08	3.031
5.026	15.99	0.7900	6.402	0.1615E-01	0.1446E-01	1.716	0.8432E-08	4.908
5.100	7.173	0.7717	3.321	0.1393E-01	0.1325E-01	1.671	0.1848E-07	2.524
5.300	3.801	0.7538	2.085	0.1148E-01	0.1262E-01	1.651	0.3577E-07	1.562
5.500	2.879	0.7457	1.733	0.1017E-01	0.1252E-01	1.662	0.4914E-07	1.293
6.000	2.039	0.7352	1.405	0.8258E-02	0.1277E-01	1.722	0.7762E-07	1.044
6.500	1.709	0.7287	1.272	0.7115E-02	0.1326E-01	1.798	0.1041E-06	0.9421
7.000	1.529	0.7235	1.200	0.6312E-02	0.1383E-01	1.877	0.1305E-06	0.8846
8.000	1.338	0.7149	1.122	0.5218E-02	0.1504E-01	2.039	0.1844E-06	0.8221
9.000	1.237	0.7082	1.082	0.4484E-02	0.1620E-01	2.198	0.2405E-06	0.7907
10.00	1.177	0.7028	1.057	0.3949E-02	0.1731E-01	2.353	0.2991E-06	0.7727
12.00	1.108	0.6948	1.030	0.3208E-02	0.1937E-01	2.646	0.4242E-06	0.7542
15.00	1.059	0.6873	1.012	0.2519E-02	0.2218E-01	3.052	0.6324E-06	0.7425
20.00	1.025	0.6806	1.001	0.1868E-02	0.2640E-01	3.653	0.1033E-05	0.7341
25.00	1.012	0.6769	0.9967	0.1488E-02	0.3025E-01	4.186	0.1497E-05	0.7283
30.00	1.005	0.6747	0.9953	0.1238E-02	0.3386E-01	4.670	0.2022E-05	0.7229
40.00	0.9996	0.6721	0.9948	0.9279E-03	0.4056E-01	5.538	0.3246E-05	0.7125
50.00	0.9978	0.6708	0.9951	0.7425E-03	0.4678E-01	6.315	0.4687E-05	0.7030
60.00	0.9971	0.6699	0.9956	0.6190E-03	0.5265E-01	7.030	0.6334E-05	0.6948
80.00	0.9970	0.6689	0.9964	0.4647E-03	0.6361E-01	8.343	0.1020E-04	0.6818
100.0	0.9973	0.6684	0.9971	0.3720E-03	0.7380E-01	9.555	0.1480E-04	0.6727
120.0	0.9976	0.6680	0.9976	0.3101E-03	0.8342E-01	10.70	0.2006E-04	0.6665
140.0	0.9978	0.6678	0.9979	0.2659E-03	0.9258E-01	11.81	0.2597E-04	0.6626
160.0	0.9981	0.6676	0.9982	0.2327E-03	0.1014	12.89	0.3250E-04	0.6604
180.0	0.9983	0.6675	0.9984	0.2069E-03	0.1099	13.94	0.3961E-04	0.6592
200.0	0.9984	0.6674	0.9986	0.1862E-03	0.1181	15.01	0.4729E-04	0.6601
220.0	0.9986	0.6673	0.9987	0.1693E-03	0.1260	16.04	0.5553E-04	0.6609
240.0	0.9987	0.6672	0.9988	0.1552E-03	0.1338	17.04	0.6430E-04	0.6615
260.0	0.9988	0.6672	0.9989	0.1433E-03	0.1414	18.02	0.7360E-04	0.6620
280.0	0.9989	0.6672	0.9990	0.1331E-03	0.1488	18.98	0.8341E-04	0.6625
300.0	0.9990	0.6671	0.9991	0.1242E-03	0.1561	19.92	0.9372E-04	0.6628
350.0	0.9991	0.6670	0.9992	0.1065E-03	0.1736	22.18	0.1216E-03	0.6636
400.0	0.9992	0.6670	0.9993	0.9319E-04	0.1904	24.35	0.1525E-03	0.6641
500.0	0.9994	0.6669	0.9995	0.7456E-04	0.2224	28.46	0.2225E-03	0.6647
600.0	0.9995	0.6669	0.9996	0.6214E-04	0.2525	32.33	0.3031E-03	0.6651
700.0	0.9996	0.6668	0.9997	0.5327E-04	0.2811	36.01	0.3937E-03	0.6653
800.0	0.9997	0.6668	0.9997	0.4661E-04	0.3086	39.54	0.4939E-03	0.6654
900.0	0.9997	0.6668	0.9997	0.4143E-04	0.3351	42.93	0.6033E-03	0.6654
1000.	0.9997	0.6668	0.9998	0.3729E-04	0.3607	46.22	0.7215E-03	0.6655
1100.	0.9998	0.6668	0.9998	0.3390E-04	0.3855	49.41	0.8484E-03	0.6655
1200.	0.9998	0.6668	0.9998	0.3108E-04	0.4097	52.51	0.9836E-03	0.6655
1300.	0.9998	0.6667	0.9998	0.2869E-04	0.4334	55.53	0.1127E-02	0.6654
1400.	0.9998	0.6667	0.9998	0.2664E-04	0.4564	58.49	0.1278E-02	0.6654
1500.	0.9998	0.6667	0.9999	0.2486E-04	0.4791	61.38	0.1437E-02	0.6654

10<sup>-5</sup> g/cm<sup>3</sup>

PRESSURE = 0.210 [MPa]

	TEMP [K]	DENSITY [kg/m <sup>3</sup> ]	PV/RT [-]	ENERGY [J/g]	ENTHALPY [J/g]	ENTROPY [J/g·K]	C <sub>v</sub> [J/g·K]	C <sub>p</sub> [J/g·K]	VSOUND [m/s]
	0.8000	148.7	0.8501	0.1773E-01	1.430	0.3948E-02	0.2185E-01	0.2186E-01	254.1
	1.000	148.6	0.6801	0.2863E-01	1.441	0.1593E-01	0.1043	0.1043	253.9
	1.200	148.6	0.5668	0.6870E-01	1.481	0.5184E-01	0.3281	0.3281	253.9
	1.400	148.7	0.4857	0.1767	1.589	0.1338	0.7975	0.7980	253.6
	1.600	148.8	0.4246	0.4136	1.825	0.2901	1.630	1.633	252.2
	1.800	149.0	0.3769	0.8676	2.277	0.5546	2.982	2.993	248.5
	2.000	149.4	0.3382	1.679	3.084	0.9778	5.291	5.331	242.4
1	2.057	149.6	0.3284	2.016	3.420	1.143	6.374	6.433	240.3
2	2.147	150.0	0.3139	2.730	4.130	1.480	10.21	10.41	236.4
3	2.156	150.1	0.3124	2.833	4.232	1.528	12.89	13.31	235.7
3	2.158	150.1	0.3121	2.858	4.258	1.540	7.923	7.996	236.4
2	2.167	150.1	0.3108	2.912	4.311	1.565	4.981	4.982	237.2
1	2.257	149.9	0.2987	3.210	4.610	1.700	2.625	2.666	239.1
	2.400	149.5	0.2818	3.542	4.947	1.845	2.089	2.187	240.7
	2.700	148.0	0.2530	4.161	5.581	2.094	1.932	2.161	239.7
	3.000	145.9	0.2310	4.810	6.250	2.328	1.961	2.377	236.1
	3.300	143.2	0.2139	5.555	7.022	2.574	2.146	2.784	230.2
	3.600	139.9	0.2007	6.422	7.923	2.835	2.306	3.228	222.1
	3.900	136.0	0.1906	7.419	8.963	3.112	2.418	3.719	212.4
	4.200	131.1	0.1836	8.566	10.17	3.409	2.495	4.345	200.5
	4.500	124.9	0.1799	9.923	11.60	3.739	2.554	5.323	185.5
	4.800	115.9	0.1817	11.66	13.47	4.140	2.615	7.516	164.6
	5.000	105.6	0.1914	13.40	15.39	4.530	2.678	13.15	143.2
L	5.090	95.51	0.2080	14.90	17.10	4.869	2.740	31.97	126.8
V	5.090	47.17	0.4210	21.88	26.33	6.680	3.003	80.45	102.1
	5.100	44.93	0.4411	22.29	26.96	6.803	3.015	52.68	102.5
	5.300	32.94	0.5791	25.03	31.40	7.661	3.073	14.14	110.4
	5.500	28.56	0.6436	26.47	33.82	8.109	3.086	10.64	116.5
	6.000	22.79	0.7392	29.13	38.35	8.898	3.091	8.031	128.6
	6.500	19.51	0.7972	31.34	42.10	9.500	3.091	7.105	138.2
	7.000	17.25	0.8373	33.35	45.52	10.01	3.093	6.621	146.5
	8.000	14.21	0.8896	37.08	51.86	10.85	3.099	6.121	160.8
	9.000	12.19	0.9217	40.61	57.84	11.56	3.105	5.866	173.1
	10.00	10.72	0.9430	44.04	63.63	12.17	3.111	5.712	184.2
	12.00	8.698	0.9686	50.71	74.85	13.19	3.119	5.537	203.8
	15.00	6.827	0.9872	60.49	91.25	14.41	3.124	5.408	229.3
	20.00	5.059	0.9992	76.50	118.0	15.95	3.126	5.312	265.5
	25.00	4.030	1.003	92.35	144.5	17.13	3.125	5.268	296.9
	30.00	3.353	1.005	108.1	170.7	18.09	3.124	5.244	325.0
	40.00	2.514	1.006	139.5	223.0	19.60	3.122	5.220	374.8
	50.00	2.012	1.005	170.8	275.2	20.76	3.121	5.209	418.5
	60.00	1.677	1.005	202.0	327.2	21.71	3.120	5.204	458.1
	80.00	1.259	1.004	264.4	431.2	23.21	3.118	5.198	528.3
	100.0	1.008	1.003	326.8	535.2	24.36	3.118	5.196	590.2
	120.0	0.8403	1.003	389.2	639.1	25.31	3.117	5.195	646.2
	140.0	0.7205	1.002	451.5	743.0	26.11	3.117	5.194	697.7
	160.0	0.6306	1.002	513.8	846.8	26.81	3.117	5.194	745.6
	180.0	0.5607	1.002	576.2	950.7	27.42	3.117	5.193	790.7
	200.0	0.5047	1.002	638.5	1055.	27.97	3.117	5.193	833.3
	220.0	0.4589	1.001	700.8	1158.	28.46	3.116	5.193	873.8
	240.0	0.4207	1.001	763.1	1262.	28.91	3.116	5.193	912.6
	260.0	0.3884	1.001	825.5	1366.	29.33	3.116	5.193	949.7
	280.0	0.3607	1.001	887.8	1470.	29.71	3.116	5.193	985.5
	300.0	0.3367	1.001	950.1	1574.	30.07	3.116	5.193	1020.
	350.0	0.2886	1.001	1106.	1834.	30.87	3.116	5.193	1102.
	400.0	0.2526	1.001	1282.	2093.	31.56	3.116	5.193	1178.
	500.0	0.2021	1.001	1573.	2612.	32.72	3.116	5.193	1316.
	600.0	0.1684	1.000	1885.	3132.	33.67	3.116	5.193	1442.
	700.0	0.1444	1.000	2196.	3651.	34.47	3.116	5.193	1557.
	800.0	0.1263	1.000	2508.	4170.	35.16	3.116	5.193	1665.
	900.0	0.1123	1.000	2820.	4690.	35.78	3.116	5.193	1766.
	1000.	0.1011	1.000	3131.	5209.	36.32	3.116	5.193	1861.
	1100.	0.9189E-01	1.000	3443.	5728.	36.82	3.116	5.193	1952.
	1200.	0.8423E-01	1.000	3754.	6248.	37.27	3.116	5.193	2039.
	1300.	0.7775E-01	1.000	4066.	6767.	37.69	3.116	5.193	2122.
	1400.	0.7220E-01	1.000	4378.	7286.	38.07	3.116	5.193	2202.
	1500.	0.6739E-01	1.000	4689.	7805.	38.43	3.116	5.193	2279.