

1. ETHYLENE GLYCOL - WATER

Freezing point temp. °C	Percent C ₂ H ₄ (OH) ₂ by wt %	Tem- pera- ture °C	Den- sity ρ kg/m ³	Spec. heat c _p J/kg K	Thermal conduct. λ W/m K	Dynamic viscosity μ 10 ⁻³ Ns/m ²	Kinematic viscosity ν 10 ⁻⁶ m ² /s	Prandtl number Pr -
0	0	40	992.2	4178	0.628	0.653	0.658	4.34
		30	995.7	4178	0.614	0.798	0.801	5.43
		20	998.2	4182	0.599	1.002	1.004	7.01
		10	999.7	4192	0.583	1.307	1.307	9.45
		0	999.9	4218	0.564	1.787	1.787	13.4
-5	14	40	1010	4040	0.558	0.91	0.90	6.6
		20	1017	4020	0.536	1.42	1.40	10.6
		10	1019	4010	0.522	1.92	1.88	14.7
		0	1020	4000	0.508	2.65	2.60	20.9
		-5	1021	4000	0.501	3.18	3.11	25.4
-10	23,5	40	1021	3910	0.511	1.12	1.10	8.6
		20	1030	3865	0.493	1.82	1.77	14.3
		10	1033	3840	0.482	2.51	2.43	20.0
		0	1035	3820	0.471	3.52	3.40	28.5
		-10	1037	3795	0.460	5.35	5.16	44.1
-15	30,5	40	1030	3795	0.481	1.34	1.30	10.6
		20	1039	3730	0.463	2.19	2.11	17.6
		10	1043	3700	0.454	3.03	2.91	24.7
		0	1046	3665	0.444	4.35	4.16	35.9
		-10	1048	3635	0.435	6.8	6.5	56.8
		-15	1049	3620	0.430	8.6	8.2	72.4
-20	36	40	1036	3675	0.457	1.55	1.50	12.5
		20	1047	3605	0.440	2.54	2.43	20.8
		10	1051	3565	0.432	3.58	3.41	29.5
		0	1055	3525	0.424	5.15	4.88	42.8
		-10	1058	3490	0.416	7.9	7.5	66.3
		-20	1060	3450	0.408	13.3	12.5	112
-25	41	40	1043	3570	0.435	1.75	1.68	14.4
		20	1054	3490	0.421	2.91	2.76	24.1
		10	1058	3445	0.413	4.11	3.88	34.4
		0	1062	3405	0.406	5.95	5.60	49.9
		-10	1066	3360	0.398	9.3	8.7	78.5
		-20	1069	3320	0.391	15.6	14.6	132
		-25	1070	3300	0.387	21.2	19.8	181
-30	45,5	40	1049	3480	0.418	1.95	1.86	16.2
		20	1060	3385	0.405	3.29	3.10	27.5
		10	1065	3340	0.398	4.65	4.37	39.0
		0	1070	3295	0.391	6.9	6.4	58.1
		-10	1074	3250	0.384	10.7	10.0	90.6
		-20	1077	3205	0.378	18	17	153
		-30	1079	3160	0.371	33	31	281

Continues ...

1. ETYLENGLYKOL - VATTEN (Forts.)

Frys- punkts- temp. °C	Vikts procent $\text{C}_2\text{H}_4(\text{OH})_2$ %	Tem- pera- tur °C	Den- sitet ρ kg/m^3	Spec. värmek. c_p J/kg K	Värmel- förmåga λ W/m K	Dynamisk viskositet μ 10^{-3}Ns/m^2	Kinematisk viskositet ν $10^{-6} \text{m}^2/\text{s}$	Prandtl- tal Pr -
-35	49,5	40	1053	3425	0.404	2.15	2.04	18.2
		20	1065	3320	0.391	3.71	3.48	31.5
		10	1070	3265	0.385	5.25	4.91	44.5
		0	1074	3215	0.379	7.95	7.40	67.4
		-10	1078	3160	0.373	12.6	11.7	107
		-20	1082	3110	0.367	21.2	19.6	180
		-30	1085	3055	0.361	39.5	36.4	334
		-35	1086	3030	0.358	57	53	482
-40	53	40	1057	3355	0.392	2.35	2.22	20.1
		20	1069	3240	0.381	4.11	3.84	35.0
		10	1074	3180	0.375	5.9	5.5	50
		0	1079	3125	0.369	8.9	8.2	75
		-10	1083	3065	0.364	14.5	13.4	122
		-20	1087	3010	0.358	24.5	22.5	206
		-30	1090	2950	0.352	48	44	402
		-40	1092	2900	0.346	100	92	838
-45	56	40	1065	3295	0.379	2.55	2.39	22.2
		20	1073	3170	0.369	4.47	4.17	38.4
		10	1078	3110	0.364	6.7	6.2	57.2
		0	1083	3050	0.359	10.0	9.2	85.0
		-10	1087	2990	0.354	16	15	135
		-20	1091	2930	0.349	29	27	243
		-30	1094	2870	0.344	56	51	467
		-40	1096	2810	0.338	120	109	998
		-45	1097	2780	0.336	230	210	1903