

SOLVENT PHYSICAL PROPERTIES LIST

	MM	BP	MP	Density	NMR δ values*
Acetic Acid	60.05	116°	16°	1.049	2.03
Acetic anhydride	102.09	133	-73	1.082	2.22
Acetone	58.08	56	-94	0.791	2.04
Acetonitrile	41.05	82	-48	0.785	1.93
Benzene	78.11	80	5	0.874	7.37
Biphenyl	154.21	255	70	0.992	7.2-7.7
n-Butanol	74.12	118	-89	0.810	3.4-3.9, 2.4-0.7
t-Butanol	74.12	83	25	0.786	1.28
Carbon disulfide	76.14	46	-111	1.266	-
Carbon tetrachloride	153.82	77	-23	1.594	-
Chlorobenzene	112.56	132	-45	1.106	7.3
Chloroform	119.33	61	-63	1.492	7.25
Cyclohexane	84.16	81	6	0.779	1.39
p-Cymene	134.22	176	-68	0.860	1.2, 2.3, 2.9, 7.0
Decalin	139.25	193	-51	0.895	3.0-0.3
Dichloroethane	98.96	83	-35	1.256	3.72
Dichloromethane	84.93	40	-97	1.325	5.32
N,N-Diethylaniline	149.24	217	-38	0.938	7.3-6.3, 3.3, 1.1
Diethylene glycol	106.12	245	-10	1.175	3.6, 4.3
Diglyme (diethylene glycol dimethyl ether)	138.18	162	-64	0.937	3.5, 3.4, 3.2
Diisopropyl amine	101.19	84	-61	0.722	2.9, 1.1
p-Diisopropylbenzene	162.28	203	-17	0.857	7.1, 2.8, 1.2
N,N-Dimethylaniline	121.18	193	2	0.956	7.4-6.6, 2.9
Dimethyl ether	46.08	-23	-139	0.732	-
Dimethylformamide	73.10	153	-61	0.944	8, 2.9, 2.7
Dimethylsulfoxide	73.13	189	18	1.101	2.55
Dioxane	88.11	101	12	1.034	3.53
Diphenyl ether	170.21	259	27	1.073	7.5-6.6
Ethanol	46.07	78	-117	0.789	1.11, 3.55
Ethyl acetate	89.11	77	-84	0.902	1.2, 2, 4.1
Ethylene glycol	62.07	197	-13	1.113	3.4-3.7
Ethyl ether	74.12	35	-116	0.706	3.3, 1.1
Formic Acid	46.03	101	8	1.220	11.4, 8.0
Glyme (dimethoxyethane)	90.12	85	-58	0.867	3.1, 3.2
Heptane	100.21	98	-91	0.684	0.6-1.5
Hexamethylphosphoramide	179.20	240	7	1.030	2.53
Hexane	85.18	69	-95	0.659	0.6-1.5
2,6-Lutidine	107.16	144	-6	0.920	2.5, 0.9, 7.4
Mesitylene	120.20	165	-50	0.865	2.3, 6.8
Methanol	32.04	65	-98	0.791	3.3
Methylcyclohexane	98.19	101	-126	0.770	2.0-0.4
Methylethyl ketone	72.11	80	-87	0.805	1.1, 2.1, 2.5
N-Methylpyrrolidinone	99.13	202	-24	1.026	3.4, 2.9, 2.6-1.7
Morpholine	87.12	129	-6	0.999	2.9, 3.7
Nitrobenzene	123.11	211	6	1.203	8.1, 7.5, 7.6
Nitromethane	61.04	101	-29	1.131	4.35
iso-Octane	114.23	98	-107	0.692	0.8-1.2
Pentane	72.15	36	-130	0.626	0.6-1.6
iso-Propylalcohol	60.10	82	-89	0.782	1.2, 4.0
n-Propylalcohol	60.10	97	-127	0.804	0.9, 1.6, 3.6
Pyridine	79.10	115	-42	0.978	7, 7.6, 8.6
Sulfolane	120.17	285	27	1.261	3.2-2.7, 2.5-2.0
Tetrachloroethylene	165.83	121	-22	1.631	-
Tetrahydrofuran	72.11	66	-108	0.899	3.6, 1.7
Toluene	92.14	111	-93	0.867	2.1, 7.0
Triethyl amine	101.19	89	-7	0.726	2.5, 1.0
Triethylene glycol	150.18	290	-5	1.125	3.4-3.9 (3.7)
Trifluoroacetic acid	114.02	72	-15	1.480	11.5
Triglyme	178.23	216	-45	0.936	3.7, 3.6, 3.4
Water	18.02	100	0	1.000	-
o-Xylene	106.17	144	-24	0.897	2.3, 7.1
m-Xylene	105.17	138	-48	0.868	2.3, 7.0
p-Xylene	105.17	138	-14	0.866	2.3, 7.1

\*Hydroxyl protons are omitted.