

Table 10-1 REFRACTIVE INDEX, DIPOLE MOMENT, AND RADIUS OF GYRATION - ORGANIC COMPOUNDS (continued)

NO	FORMULA	NAME	Refractive Index		Dipole Moment		Radius of Gyration
			T, C	Value @ T	State	Debye	Angstrom
1093	C10H22O	1-DECANOL	25.0	1.4350	in benzene	1.62	5.499
1094	C10H22O	DI-n-PENTYL ETHER	19.9	1.4119	in CCl ₄	1.20	5.374
1095	C10H22O	ISODECANOL	19.9	1.4352	—	—	5.584
1096	C10H22O5	TETRAETHYLENE GLYCOL DIMETHYL ETHER	19.9	1.4325	in benzene	2.47	5.277
1097	C10H22S	n-DECYL MERCAPTAN	25.0	1.4549	in benzene	1.59	5.712
1098	C10H22S	BUTYL-HEXYL-SULFIDE	—	—	—	—	—
1099	C10H22S	ETHYL-OCTYL-SULFIDE	—	—	—	—	—
1100	C10H22S	HEPTYL-PROPYL-SULFIDE	—	—	—	—	—
1101	C10H22S	METHYL-NONYL-SULFIDE	25.0	1.4556	—	—	—
1102	C10H22S	PENTYL-SULFIDE	—	—	—	—	—
1103	C10H22S2	PENTYL-DISULFIDE	25.0	1.4867	—	—	—
1104	C10H23N	n-DECYLAMINE	25.0	1.4352	in benzene	1.41	5.477
1105	C11H10	1-METHYLNAPHTHALENE	25.0	1.6151	liquid	0.51	4.435
1106	C11H10	2-METHYLNAPHTHALENE	41.9	1.6019	liquid	0.42	4.426
1107	C11H14O2	n-BUTYL BENZOATE	25.0	1.4940	—	—	5.505
1108	C11H16	n-PENTYLBENZENE	25.0	1.4856	—	—	5.168
1109	C11H16O	p-tert-AMYLPHENOL	—	—	—	—	4.810
1110	C11H20	1-UNDECYNE	25.0	1.4292	—	—	—
1111	C11H20O2	2-ETHYLHEXYL ACRYLATE	19.9	1.4365	—	—	6.265
1112	C11H22	1-UNDECENE	25.0	1.4238	—	—	5.429
1113	C11H22	1-CYCLOPENTYLHEXANE	—	—	—	—	—
1114	C11H22	PENTYLCYCLOHEXANE	25.0	1.4416	—	—	—
1115	C11H22O	1-UNDECANAL	25.0	1.4288	—	—	5.711
1116	C11H24	n-UNDECANE	25.0	1.4151	—	0.00	5.496
1117	C11H24O	1-UNDECANOL	25.0	1.4386	in benzene	1.67	5.808
1118	C11H24S	UNDECYL MERCAPTAN	25.0	1.4564	—	—	6.069
1119	C11H24S	BUTYL-HEPTYL-SULFIDE	—	—	—	—	—
1120	C11H24S	DECYL-METHYL-SULFIDE	25.0	1.4569	—	—	—
1121	C11H24S	ETHYL-NONYL-SULFIDE	—	—	—	—	—
1122	C11H24S	OCTYL-PROPYL-SULFIDE	—	—	—	—	—
1123	C12H8O	DIBENZOFURAN	99.0	1.6480	in benzene	0.88	4.710
1124	C12H9N	DIBENZOPYRROLE	—	—	in benzene	2.11	4.692
1125	C12H10	ACENAPHTHENE	19.9	1.6420	in benzene	0.25	4.468
1126	C12H10	BIPHENYL	25.0	1.5873	gas	0.00	4.834
1127	C12H10O	DIPHENYL ETHER	25.0	1.5781	in benzene	1.16	4.986
1128	C12H11N	p-AMINODIPHENYL	—	—	in benzene	1.76	5.027
1129	C12H11N	DIPHENYLAMINE	—	—	in benzene	1.08	5.082
1130	C12H11N3	p-AMINOAZOBENZENE	—	—	in benzene	2.48	5.663
1131	C12H11N3	1,3-DIPHENYLTRIAZENE	—	—	—	—	6.005
1132	C12H12	1,2-DIMETHYLNAPHTHALENE	25.0	1.6143	not specified	0.68	—
1133	C12H12	1,3-DIMETHYLNAPHTHALENE	25.0	1.6080	not specified	0.36	—
1134	C12H12	1,4-DIMETHYLNAPHTHALENE	25.0	1.6114	not specified	—	—
1135	C12H12	1,5-DIMETHYLNAPHTHALENE	—	—	not specified	0.07	—
1136	C12H12	1,6-DIMETHYLNAPHTHALENE	25.0	1.6050	not specified	0.32	—
1137	C12H12	1,7-DIMETHYLNAPHTHALENE	25.0	1.6054	not specified	0.54	—
1138	C12H12	2,3-DIMETHYLNAPHTHALENE	—	—	not specified	0.69	—
1139	C12H12	2,6-DIMETHYLNAPHTHALENE	—	—	in benzene	0.14	4.729
1140	C12H12	2,7-DIMETHYLNAPHTHALENE	—	—	in benzene	0.41	4.804
1141	C12H12	1-ETHYLNAPHTHALENE	25.0	1.6040	—	—	4.754
1142	C12H12	2-ETHYLNAPHTHALENE	25.0	1.5977	—	—	—
1143	C12H12N2	p-AMINODIPHENYLAMINE	—	—	—	—	5.327
1144	C12H12N2	HYDRAZOBENZENE	—	—	—	—	5.544
1145	C12H14	1,2,3-TRIMETHYLINDENE	14.9	1.5541	—	—	4.780
1146	C12H14O4	DIETHYL PHTHALATE	20.9	1.5000	in benzene	2.90	5.832
1147	C12H16	CYCLOHEXYLBENZENE	25.0	1.5239	—	—	4.892
1148	C12H18	m-DIISOPROPYLBENZENE	25.0	1.4875	—	—	5.281
1149	C12H18	p-DIISOPROPYLBENZENE	25.0	1.4876	—	—	5.178
1150	C12H18	n-HEXYLBENZENE	25.0	1.4842	—	—	5.642
1151	C12H18	1,2,3-TRIETHYLBENZENE	—	—	—	—	—
1152	C12H18	1,2,4-TRIETHYLBENZENE	—	—	—	—	—
1153	C12H18	1,3,5-TRIETHYLBENZENE	—	—	in benzene	0.10	—
1154	C12H18	HEXAMETHYLBENZENE	25.0	1.4842	in benzene	0.10	—
1155	C12H20O4	DIBUTYL MALEATE	25.0	1.4435	—	—	6.463
1156	C12H22	BICYCLOHEXYL	25.0	1.4777	—	—	4.917
1157	C12H22	1-DODECYNE	25.0	1.4328	—	—	—
1158	C12H23N	DICYCLOHEXYLAMINE	25.0	1.4823	in heptane	1.06	5.317
1159	C12H24	1-DODECENE	—	—	—	—	5.747
1160	C12H24	1-CYCLOPENTYLHEPTANE	—	—	—	—	—
1161	C12H24	1-CYCLOHEXYLHEXANE	25.0	1.4441	—	—	—
1162	C12H24O	1-DODECANAL	25.0	1.4320	—	—	6.052
1163	C12H24O2	n-DODECANOIC ACID	25.0	1.4401	in benzene	0.76	6.601
1164	C12H26	n-DODECANE	25.0	1.4151	gas	0.00	5.914
1165	C12H26O	DI-n-HEXYL ETHER	25.0	1.4187	—	—	5.693
1166	C12H26O	1-DODECANOL	25.0	1.4413	in dioxane	1.70	6.119
1167	C12H28O3	DIETHYLENE GLYCOL DI-n-BUTYL ETHER	19.9	1.4235	—	—	6.449
1168	C12H28S	n-DODECYL MERCAPTAN	25.0	1.4576	gas	1.59	6.374
1169	C12H28S	BUTYL-OCTYL-SULFIDE	—	—	—	—	—
1170	C12H28S	DECYL-ETHYL-SULFIDE	—	—	—	—	—