

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

NO	FORMULA	NAME	Refractive Index		Dipole Moment		Radius of Gyration Angstrom
			T, C	Value @ T	State	Debye	
1171	C12H26S	HEXYL-SULFIDE	25.0	1.4580	—	—	—
1172	C12H26S	METHYL-UNDECYL-SULFIDE	—	—	—	—	—
1173	C12H26S	NONYL-PROPYL-SULFIDE	25.0	1.4850	—	—	—
1174	C12H26S2	HEXYL-DISULFIDE	25.0	1.4071	in benzene	0.78	—
1175	C12H27BO3	TRI-n-BUTYL BORATE	25.0	1.4408	—	—	6.073
1176	C12H27N	DODECYLAMINE	25.0	1.4286	in benzene	0.78	6.690
1177	C12H27N	TRI-n-BUTYLAMINE	19.9	1.6470	in benzene	0.25	4.806
1178	C13H10	FLUORENE	44.9	1.5975	in benzene	2.98	5.302
1179	C13H10O	BENZOPHENONE	25.0	1.5752	liquid	0.26	5.141
1180	C13H12	DIPHENYLMETHANE	25.0	1.5901	—	—	—
1181	C13H14	1-PROPYLNAPHTHALENE	25.0	1.5850	—	—	—
1182	C13H14	2-PROPYLNAPHTHALENE	—	—	—	—	—
1183	C13H14	2ETHYL-3-METHYLNAPHTHALENE	—	—	—	—	—
1184	C13H14	2ETHYL-6-METHYLNAPHTHALENE	—	—	—	—	—
1185	C13H14	2ETHYL-7-METHYLNAPHTHALENE	—	—	—	—	—
1186	C13H20	n-HEPTYLBENZENE	25.0	1.4832	—	—	6.040
1187	C13H24	1-TRIDECYNE	25.0	1.4359	—	—	—
1188	C13H26	1-TRIDECENE	25.0	1.4312	—	—	6.073
1189	C13H26	1-CYCLOPENTYLOCTANE	—	—	—	—	—
1190	C13H26	1-CYCLOHEXYLHEPTANE	—	—	—	—	—
1191	C13H26O	1-TRIDECANAL	25.0	1.4348	—	—	6.345
1192	C13H26O2	n-BUTYL NONANOATE	25.0	1.4262	—	—	7.273
1193	C13H26O2	METHYL DODECANOATE	19.9	1.4292	—	—	6.857
1194	C13H28	n-TRIDECANE	25.0	1.4235	gas	0.00	6.198
1195	C13H28O	1-TRIDECANOL	25.0	1.4433	—	—	6.417
1196	C13H28S	BUTYL-NONYL-SULFIDE	—	—	—	—	—
1197	C13H28S	DECYL-PROPYL-SULFIDE	—	—	—	—	—
1198	C13H28S	DODECYL-METHYL-SULFIDE	25.0	1.4590	—	—	—
1199	C13H28S	ETHYL-UNDECYL-SULFIDE	—	—	—	—	—
1200	C13H28S	1-TRIDECANETHIOL	25.0	1.4586	—	—	—
1201	C14H8O2	ANTHRAQUINONE	—	—	in benzene	0.00	5.332
1202	C14H10	ANTHRACENE	19.9	1.7290	in benzene	0.00	4.980
1203	C14H10	DIPHENYLACETYLENE	—	—	in benzene	0.30	5.832
1204	C14H10	PHENANTHRENE	25.0	1.5480	in benzene	0.00	4.961
1205	C14H12	cis-STILBENE	—	—	in benzene	0.00	4.744
1206	C14H12	trans-STILBENE	—	—	in benzene	0.00	5.627
1207	C14H12O2	BENZYL BENZOATE	20.9	1.5681	—	—	6.184
1208	C14H14	1,1-DIPHENYLETHANE	25.0	1.5702	liquid	0.00	5.437
1209	C14H14	1,2-DIPHENYLETHANE	51.2	1.5704	liquid	0.00	5.610
1210	C14H14O	DIBENZYL ETHER	25.0	1.5385	in benzene	1.39	6.078
1211	C14H16	1-n-BUTYLNAPHTHALENE	25.0	1.5797	not specified	0.69	5.680
1212	C14H16	2-BUTYLNAPHTHALENE	25.0	1.5747	not specified	0.75	—
1213	C14H22	n-OCTYLBENZENE	25.0	1.4824	—	—	6.498
1214	C14H22	1,2,3,4-TETRAETHYLBENZENE	—	—	—	—	—
1215	C14H22	1,2,3,5-TETRAETHYLBENZENE	—	—	—	—	—
1216	C14H22	1,2,4,5-TETRAETHYLBENZENE	—	—	—	—	—
1217	C14H22O	p-tert-OCTYLPHENOL	—	—	—	—	—
1218	C14H28	1-TETRADECENE	25.0	1.4341	—	—	5.601
1219	C14H28	1-CYCLOPENTYLNONANE	—	—	—	—	6.398
1220	C14H28	1-CYCLOHEXYLOCTANE	—	—	—	—	—
1221	C14H28O2	n-TETRADECANOIC ACID	25.0	1.4445	in benzene	0.77	7.265
1222	C14H30	n-TETRADECANE	25.0	1.4269	gas	0.00	6.427
1223	C14H30O	1-TETRADECANOL	25.0	1.4454	in CCl4	1.60	6.730
1224	C14H30S	BUTYL-DECYL-SULFIDE	—	—	—	—	—
1225	C14H30S	DODECYL-ETHYL-SULFIDE	—	—	—	—	—
1226	C14H30S	HEPTYL-SULFIDE	—	—	—	—	—
1227	C14H30S	METHYL-TRIDECYL-SULFIDE	25.0	1.4599	—	—	—
1228	C14H30S	PROPYL-UNDECYL-SULFIDE	—	—	—	—	—
1229	C14H30S	1-TETRADECANETHIOL	25.0	1.4595	—	—	—
1230	C14H30S2	HEPTYL-DISULFIDE	25.0	1.4840	—	—	—
1231	C14H31N	TETRADECYLAMINE	25.0	1.4447	—	—	—
1232	C15H10N2O2	DIPHENYLMETHANE-4,4'-DIISOCYANATE	49.9	1.5906	—	—	6.704
1233	C15H16O	p-CUMYLPHENOL	—	—	—	—	7.119
1234	C15H16O2	BISPHENOL A	—	—	—	—	5.582
1235	C15H18	1-PENTYLNAPHTHALENE	25.0	1.5704	—	—	6.815
1236	C15H18	2-PENTYLNAPHTHALENE	25.0	1.5675	—	—	—
1237	C15H24	n-NONYLBENZENE	25.0	1.4817	—	—	—
1238	C15H24O	2,6-DI-tert-BUTYL-p-CRESOL	—	—	—	—	6.763
1239	C15H24O	NONYLPHENOL	—	—	in benzene	1.68	5.598
1240	C15H28	1-PENTADECYNE	19.9	1.5116	—	—	7.058
1241	C15H30	1-PENTADECENE	25.0	1.4410	—	—	—
1242	C15H30	1-CYCLOPENTYLDECANE	25.0	1.4367	—	—	6.637
1243	C15H30	1-CYCLOHEXYLNONANE	—	—	—	—	—
1244	C15H30O2	PENTADECANOIC ACID	—	—	—	—	—
1245	C15H32	n-PENTADECANE	80.0	1.4463	—	—	7.567
1246	C15H32O	1-PENTADECANOL	25.0	1.4298	gas	0.00	6.729
1247	C15H32S	BUTYL-UNDECYL-SULFIDE	—	—	—	—	—
1248	C15H32S	DODECYL-PROPYL-SULFIDE	—	—	—	—	—