

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
1015	C10H20O2	n-DECANOIC ACID	25.0	1.4343	—	—	5.932
1016	C10H20O2	2-ETHYLHEXYL ACETATE	25.0	1.4173	—	—	5.895
1017	C10H20O2	ISOPENTYL ISOVALERATE	25.0	1.4100	—	—	5.586
1018	C10H22	n-DECANE	25.0	1.4097	gas	0.00	5.184
1019	C10H22	2-METHYLNONANE	25.0	1.4075	—	—	5.429
1020	C10H22	3-METHYLNONANE	25.0	1.4103	—	—	5.286
1021	C10H22	4-METHYLNONANE	25.0	1.4095	—	—	5.448
1022	C10H22	5-METHYLNONANE	25.0	1.4100	—	—	5.318
1023	C10H22	3-ETHYLOCTANE	25.0	1.4136	—	—	—
1024	C10H22	4-ETHYLOCTANE	25.0	1.4131	—	—	—
1025	C10H22	2,2-DIMETHYLOCTANE	25.0	1.4060	—	—	5.223
1026	C10H22	2,3-DIMETHYLOCTANE	25.0	1.4127	—	—	—
1027	C10H22	2,4-DIMETHYLOCTANE	25.0	1.4069	—	—	—
1028	C10H22	2,5-DIMETHYLOCTANE	25.0	1.4089	—	—	—
1029	C10H22	2,6-DIMETHYLOCTANE	25.0	1.4084	—	—	—
1030	C10H22	2,7-DIMETHYLOCTANE	25.0	1.4062	—	—	—
1031	C10H22	3,3-DIMETHYLOCTANE	25.0	1.4142	—	—	—
1032	C10H22	3,4-DIMETHYLOCTANE	25.0	1.4159	—	—	—
1033	C10H22	3,5-DIMETHYLOCTANE	25.0	1.4115	—	—	—
1034	C10H22	3,6-DIMETHYLOCTANE	25.0	1.4115	—	—	—
1035	C10H22	4,4-DIMETHYLOCTANE	25.0	1.4122	—	—	—
1036	C10H22	4,5-DIMETHYLOCTANE	25.0	1.4167	—	—	—
1037	C10H22	4-PROPYLHEPTANE	25.0	1.4133	—	—	—
1038	C10H22	4-ISOPROPYLHEPTANE	25.0	1.4132	—	—	—
1039	C10H22	3-ETHYL-2-METHYLHEPTANE	25.0	1.4151	—	—	—
1040	C10H22	4-ETHYL-2-METHYLHEPTANE	25.0	1.4114	—	—	—
1041	C10H22	5-ETHYL-2-METHYLHEPTANE	25.0	1.4111	—	—	—
1042	C10H22	3-ETHYL-3-METHYLHEPTANE	25.0	1.4185	—	—	—
1043	C10H22	4-ETHYL-3-METHYLHEPTANE	25.0	1.4183	—	—	—
1044	C10H22	3-ETHYL-5-METHYLHEPTANE	25.0	1.4141	—	—	—
1045	C10H22	3-ETHYL-4-METHYLHEPTANE	25.0	1.4184	—	—	—
1046	C10H22	4-ETHYL-4-METHYLHEPTANE	25.0	1.4187	—	—	—
1047	C10H22	2,2,3-TRIMETHYLHEPTANE	25.0	1.4145	—	—	—
1048	C10H22	2,2,4-TRIMETHYLHEPTANE	25.0	1.4145	—	—	—
1049	C10H22	2,2,5-TRIMETHYLHEPTANE	25.0	1.4069	—	—	—
1050	C10H22	2,2,6-TRIMETHYLHEPTANE	25.0	1.4078	—	—	—
1051	C10H22	2,3,3-TRIMETHYLHEPTANE	25.0	1.4055	—	—	—
1052	C10H22	2,3,4-TRIMETHYLHEPTANE	25.0	1.4179	—	—	—
1053	C10H22	2,3,5-TRIMETHYLHEPTANE	25.0	1.4172	—	—	—
1054	C10H22	2,3,6-TRIMETHYLHEPTANE	25.0	1.4146	—	—	—
1055	C10H22	2,4,4-TRIMETHYLHEPTANE	25.0	1.4108	—	—	—
1056	C10H22	2,4,5-TRIMETHYLHEPTANE	25.0	1.4120	—	—	—
1057	C10H22	2,4,6-TRIMETHYLHEPTANE	25.0	1.4137	—	—	—
1058	C10H22	2,5,5-TRIMETHYLHEPTANE	25.0	1.4048	—	—	—
1059	C10H22	3,3,4-TRIMETHYLHEPTANE	25.0	1.4126	—	—	—
1060	C10H22	3,3,5-TRIMETHYLHEPTANE	25.0	1.4213	—	—	—
1061	C10H22	3,4,4-TRIMETHYLHEPTANE	25.0	1.4147	—	—	—
1062	C10H22	3,4,5-TRIMETHYLHEPTANE	25.0	1.4212	—	—	—
1063	C10H22	3-ISOPROPYL-2-METHYLHEXANE	25.0	1.4206	—	—	—
1064	C10H22	3,3-DIETHYLHEXANE	25.0	1.4172	—	—	—
1065	C10H22	3,4-DIETHYLHEXANE	25.0	1.4235	—	—	—
1066	C10H22	3-ETHYL-2,2-DIMETHYLHEXANE	25.0	1.4167	—	—	—
1067	C10H22	4-ETHYL-2,2-DIMETHYLHEXANE	25.0	1.4174	—	—	—
1068	C10H22	3-ETHYL-2,3-DIMETHYLHEXANE	25.0	1.4107	—	—	—
1069	C10H22	4-ETHYL-2,3-DIMETHYLHEXANE	25.0	1.4247	—	—	—
1070	C10H22	3-ETHYL-2,4-DIMETHYLHEXANE	25.0	1.4203	—	—	—
1071	C10H22	4-ETHYL-2,4-DIMETHYLHEXANE	25.0	1.4202	—	—	—
1072	C10H22	3-ETHYL-2,5-DIMETHYLHEXANE	25.0	1.4212	—	—	—
1073	C10H22	4-ETHYL-3,3-DIMETHYLHEXANE	25.0	1.4212	—	—	—
1074	C10H22	3-ETHYL-3,4-DIMETHYLHEXANE	25.0	1.4134	—	—	—
1075	C10H22	2,2,3,3-TETRAMETHYLHEXANE	25.0	1.4246	—	—	—
1076	C10H22	2,2,3,4-TETRAMETHYLHEXANE	25.0	1.4244	—	—	—
1077	C10H22	2,2,3,5-TETRAMETHYLHEXANE	25.0	1.4260	—	—	—
1078	C10H22	2,2,4,4-TETRAMETHYLHEXANE	25.0	1.4193	—	—	—
1079	C10H22	2,2,4,5-TETRAMETHYLHEXANE	25.0	1.4119	—	—	—
1080	C10H22	2,2,5,5-TETRAMETHYLHEXANE	25.0	1.4185	—	—	—
1081	C10H22	2,3,3,4-TETRAMETHYLHEXANE	25.0	1.4110	—	—	—
1082	C10H22	2,3,3,5-TETRAMETHYLHEXANE	25.0	1.4032	—	—	—
1083	C10H22	2,3,4,4-TETRAMETHYLHEXANE	25.0	1.4275	—	—	—
1084	C10H22	2,3,4,5-TETRAMETHYLHEXANE	25.0	1.4173	—	—	—
1085	C10H22	3,3,4,4-TETRAMETHYLHEXANE	25.0	1.4244	—	—	—
1086	C10H22	2,4-DIMETHYL-3-ISOPROPYLPENTANE	25.0	1.4181	—	—	—
1087	C10H22	3,3-DIETHYL-2-METHYLPENTANE	25.0	1.4346	—	—	—
1088	C10H22	3-ETHYL-2,2,3-TRIMETHYLPENTANE	25.0	1.4225	—	—	—
1089	C10H22	3-ETHYL-2,2,4-TRIMETHYLPENTANE	25.0	1.4320	—	—	—
1090	C10H22	3-ETHYL-2,3,4-TRIMETHYLPENTANE	25.0	1.4397	—	—	—
1091	C10H22	2,2,3,3,4-PENTAMETHYLPENTANE	25.0	1.4199	—	—	—
1092	C10H22	2,2,3,4,4-PENTAMETHYLPENTANE	25.0	1.4310	—	—	—
			25.0	1.4341	—	—	—
			25.0	1.4287	—	—	—