

General Density Viscosity Table

This table presents nominal data. Actual values, provided with each standard, may vary slightly from lot to lot and formulations are subject to change. If your application requires close conformity with published nominal values, please contact technical service to obtain the actual viscosity values associated with the current formulation.

Nominal density values of general purpose viscosity standards in g/mL

Catalog Number	Viscosity Standard	20 ° C 68 ° F	25 ° C 77 ° F	37.78 ° C 100 ° F	40 ° C 104 ° F	50 ° C 122 ° F	60 ° C 140 ° F	80 ° C 176 ° F	98.89 ° C 210 ° F	100 ° C 212 ° F
9727-C10	N. 4†	0.669	0.664	0.652	0.65	—	—	—	—	—
9727-C15	N. 8†	0.867	0.862	0.851	0.849	—	—	—	—	—
9727-C20	N1. 0†	0.73	0.726	0.717	0.715	0.707	—	—	—	—
9727-C22	N2	0.762	0.758	0.749	0.748	0.741	—	0.719	0.706	0.705
9727-C25	S3	0.868	0.864	0.855	0.854	0.847	—	0.826	0.812	0.811
9727-C27	N4	0.787	0.783	0.775	0.773	0.767	—	0.746	0.734	0.733
9727-C30	S6	0.878	0.874	0.866	0.864	0.858	—	0.837	0.824	0.823
9727-C31	N7. 5	0.801	0.798	0.789	0.788	0.781	—	0.761	0.749	0.748
9727-C32	N10	0.884	0.881	0.872	0.871	0.864	—	0.844	0.832	0.831
9727-C34	N14	0.812	0.809	0.801	0.8	0.793	—	0.774	0.762	0.761
9727-C35	S20	0.863	0.86	0.852	0.85	0.844	—	0.824	0.812	0.811
9727-C36	N26	0.82	0.817	0.809	0.808	0.801	—	0.783	0.771	0.77
9727-C37	N35	0.868	0.864	0.856	0.854	0.849	—	0.83	0.818	0.817
9727-C38	N44	0.828	0.825	0.817	0.816	0.809	—	0.791	0.779	0.778
9727-C40	S60	0.876	0.873	0.865	0.863	0.857	—	0.838	0.826	0.825
9727-C41	N75	0.833	0.83	0.822	0.82	0.814	—	0.796	0.785	0.784
9727-C42	N100	0.882	0.879	0.871	0.87	0.863	—	0.845	0.833	0.832
9727-C43	N140	0.838	0.835	0.827	0.826	0.819	—	0.801	0.79	0.789
9727-C45	S200	0.84	0.837	0.829	0.827	0.821	—	0.803	0.792	0.791
9727-C46	N250	0.842	0.839	0.831	0.83	0.824	—	0.806	0.795	0.794
9727-C47	N350	0.843	0.84	0.833	0.831	0.825	—	0.808	0.797	0.796
9727-C48	N415	0.846	0.843	0.835	0.834	0.828	—	0.81	0.799	0.798
9727-C50	S600	0.847	0.844	0.836	0.835	0.829	—	0.811	0.8	0.799
9727-C51	N750	0.849	0.846	0.838	0.837	0.831	—	0.813	0.802	0.801
9727-C52	N1000	0.85	0.847	—	0.838	0.832	0.826	0.814	—	0.802
9727-C53	N1400	0.851	0.848	—	0.839	0.833	0.827	0.815	—	0.804
9727-C55	S2000	0.877	0.874	0.867	0.865	0.86	—	0.842	0.832	0.831
9727-C56	N2500	0.866	0.863	—	0.854	0.849	0.843	0.832	—	0.82
9727-C57	N4000	0.883	0.88	—	0.872	0.866	0.864	0.853	—	0.838
9727-C58	N5100	0.886	0.883	—	0.875	0.87	0.864	0.853	—	0.842
9727-C60	S8000	0.89	0.888	0.881	0.879	0.874	—	0.858	—	0.847
9727-C61	N10200	0.891	0.888	—	0.88	0.874	0.869	0.858	—	0.847
9727-C62	N15000	0.894	0.891	—	0.823	0.877	0.872	0.861	—	0.85
9727-C63	N18000	0.895	0.892	—	0.884	0.879	0.873	0.863	—	0.852
9727-C65	S30000	—	0.894	0.887	0.886	0.881	—	0.865	—	0.854

† Incurs additional shipping charges due to low flash point