

TECHNICAL DATA SHEET

Normal Paraffin

Note: Normal Paraffin, also known as n-paraffin or simply paraffin, is a colorless and odorless hydrocarbon mixture primarily composed of straight-chain alkanes. It is derived from the fractional distillation of crude oil or the refining of petroleum products. With a high degree of purity, normal paraffin finds extensive use across various industries due to its versatile properties and applications.

No	PROPERTY	TEST METHOD	SPECIFICATION	TYPICAL VALUE
1	Density at 15.6°C, gr/cm ³	ASTM D-4052-96	0.7490-0.7530	0.7506
2	Saybolt Color	ASTM D-156-00	+29 min	>+30
3	Bromine-Index, mg Br/100gr of Sample	ASTM D-1492-87	20 max	7
4	Carbon Distribution, wt% Normalized <C ₉ C ₁₀ -C ₁₃ C ₁₄	UOP 915-92	0.2 max 99 min 0.7 max	--- 99.65 0.35
5	Average Molecular Weight	UOP 915-92	163-169	166.3
6	Moisture, ppm	UOP 481-91	100 max	15
7	Total Normal Paraffin, wt%	UOP 915-92	98 min	99.11
8	Sulfur, ppm	UOP 727-72	2 max	<1
9	Chloride, ppm	UOP 395-90	1 max	0.1
10	Aromatics, wt%	UOP 495-00	0.5 max	0.4
11	Peroxide Number	ASTM E-299-97	2 max	0.1
12	Nitrogen, ppm	ASTM D-6366-99	1 max	< 0.5