

Technical Data Sheet

Raffinate I

Light Naphtha

Naphtha is a flammable liquid mixture of hydrocarbons. It can be a component of natural gas condensate or a distillation product from petroleum, coal tar, or peat boiling. It is a broad term covering among the lightest and most volatile fractions of the liquid hydrocarbons in petroleum. Naphtha is a colorless to reddish-brown volatile aromatic liquid, very similar to gasoline. Light naphtha is the fraction boiling between 30 °C and 90 °C and consists of molecules with 5–6 carbon atoms.

Applications:

Light naphtha is the raw material for the production of gasoline and feed for petrochemical units and can be used in the production of solvents, resins, and polishes.

Properties	Value	Units	Test Method
Non Paraffins	30 max	wt. %	ASTM 5134-98
ISO Paraffins	70 max	wt. %	ASTM 5134-98
Total Naphthenes	10 max	wt. %	ASTM 5134-98
Total olefins	1.5 max	wt. %	ASTM 5134-98
Total Aromatics	1 max	wt. %	ASTM 5134-98
RON	60±2	-	ASTM D 2699
I.B.P	35 min	°c	ASTM D 850-02/ASTM D 86-05
F.B.P	142 max	°c	ASTM D 850-02/ASTM D 86-05
Specific Gravity at	0.67-0.69	°c	ASTM D 4052-11
Total Sulfur	2 max	wt.ppm	ASTM D 323-08
Vapor Pressure	<8.3	psi	ASTM D 4045-04