

Technical Data Sheet

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.

Test	Unit	Result	method
IBP	°c	75-90	ASTM D 86
10%	°c	90-100	ASTM D 86
50%	°c	100-130	ASTM D 86
90%	°c	130-150	ASTM D 86
FBP	°c	145-170	ASTM D 86
Density @ 15.6 ° c	gr/cm ²	To be REPORTED	ASTM D 4052
R.V.P	psi	<5	ASTM D 323 & ASTM D5191
Color(Pt- Co) Scale	--	<15	ASTM D 1209
T.Sulphur	Wt ppm	Max<1	ASTM D 5453 & ASTM D7039
Doctor Test	--	Negative	ASTM D 4952
BZ	Wt %	>3	ITP 9301

Typical Test	Unit	Result	method
PONA	Wt %	40-70	IFP9301
P		Max 0.1	
O		10-45	
N		5-35	
A		<2.5	
Others			

OMPOSITION WT%	P	O	N	A
C5*	0-1	0.1 MAX	0-1	--
C6*	5-20	0.1 MAX	1-10	1-10
C7*	10-20	0.1 MAX	5-15	1-10
C8*	10-20	0.1 MAX	1-10	1-10
C9*	5-15	0.1 MAX	1-10	0.1-5
C10*	0-5	--	--	---