

NAPHTHA



Naphtha is commonly used as a solvent. It is used in hydrocarbon cracking, laundry soaps, and cleaning fluids.

Naphtha is also used to make varnishes, and sometimes is used as a fuel for camp stoves and as a solvent (diluent) for paint. Although naphtha has many uses, some forms of it can be dangerous

Grades:

1. Light
2. Heavy
3. Full Range

Packing:

Iso Tank



Light NAPHTHA

No.	Characteristics	Unit	Method	Range
1	Specific gravity@ 60/60°F	-	ASTM D 1298 ASTM D 4052	0.6621
2	Density @ 15°C	Kg/m ³	ASTM D 1298 ASTM D 4052	640 – 700
3	RVP	Kpa	ASTM D323	100
4	Research Octane Number	Number	ASTM D1699	75
5	Color Saybolt	-	ASTM D156	25
6	IBP			25 – 45
7	5% Evaporated			55
8	10% Evaporated			60
9	20% Evaporated			43
10	30% Evaporated			65
11	40% Evaporated			48
12	50% Evaporated	°C	ASTM D86	75
13	60% Evaporated			55
14	70% Evaporated			85
15	80% Evaporated			65
16	90% Evaporated			65 – 100
17	95% Evaporated			110
18	F.B.P			120
19	Residue	Vol%		1
20	Total Sulphur	Mg/kg	ASTM D5453	300
21	Mercaptan Sulphur	Mg/kg	ASTM D3227	200
22	Chlorine Content	Ppm	ASTM D4929	<1
23	Total Nitrogen	Mg/kg	ASTM D4629	0.03
24	Copper Corrosion	Scale	ASTM D138	1a
25	Benzene	Vol%	ASTM D4815/D6730	3.52
26	Paraffins	Vol%	ASTM D6730/D6729	86.95
27	Olefins	Vol%	ASTM D6730/D6729	0.00
28	Naphthenes	Vol%	ASTM D6730/D6729	9.05
29	Aromatics	Vol%	ASTM D6730/D6729	10
30	Saturated content	Vol%	ASTM D6730/D6729	96
31	Oxygenates	Vol%	ASTM D4815	0
32	MTBE	Mg/kg	ASTM D4815	0
33	Methanol	Vol%	ASTM D4815	0
34	Lead Content	ppb	ASTM D3237	0

Heavy NAPHTHA

No.	Characteristics	Unit	Method	Range
1.	Density @ 15°C	Kg/m ³	ASTM D 1298 ASTM D 4052	640 – 700
2.	RVP	Kpa	ASTM D323	100
3.	Research Octane Number	Number	ASTM D1699	75
4.	Color Saybolt	-	ASTM D156	25
5.	IBP	°C	ASTM D86	25 – 45
6.	10% Evaporated			60
7.	50% Evaporated			75
8.	95% Evaporated			110
9.	F.B.P			120
10.	Residue	Vol%		1
11.	Total Sulphur	Mg/kg	ASTM D5453	300
12.	Mercaptan	Mg/kg	ASTM D3227	200
13.	Corrosion 3 HRS	50 °C	ASTM D130	No. 1 Strip
14.	Vapour Pressure	K.Pa	ASTM D323	22
15.	Color, Saybolt	-	ASTM D156	25
16.	Paraffins	Vol%	ASTM D6730/D6729	50
17.	Olefins	Vol%	ASTM D6730/D6729	0.3
18.	Naphthenes & Aromatics	Vol%	ASTM D6730/D6729	40
19.	Oxygenates	Ppm	ASTM D4815	60
20.	C/H Ratio	-	-	4
21.	Gum Existent	Mg/100ml	ASTM D381	1.8
22.	Lead Content	ppb	ASTM D3237	20

TYPICAL SPECIFICATIONS

Full Range NAPHTHA

No.	Characteristics	Unit	Method	Range
1	Specific gravity@ 60/60°F	-	ASTM D 1298 ASTM D 4052	0.7166
2	Density @ 15°C	Kg/m3	ASTM D 1298 ASTM D 4052	716.4
3	RVP	Kpa	ASTM D323	45
4	Research Octane Number	Number	ASTM D1699	52
5	Color Saybolt	-	ASTM D156	30
6	IBP			37
7	5% Evaporated			56
8	10% Evaporated			65
9	20% Evaporated			77
10	30% Evaporated			85
11	40% Evaporated			92
12	50% Evaporated	°C	ASTM D86	99
13	60% Evaporated			110
14	70% Evaporated			117
15	80% Evaporated			135
16	90% Evaporated			65 – 151
17	95% Evaporated			162
18	F.B.P			183
19	Residue	Vol%		0.5
20	Total Sulphur	ppm(wt)	ASTM D5453	11.66
21	Mercaptan Sulphur	ppm(wt)	ASTM D3227	5.1
22	Chlorine Content	Ppm	ASTM D4929	<1
23	Total Nitrogen	ppm(wt)	ASTM D4629	0.15
24	Copper Corrosion	Scale	ASTM D138	Class 1
25	Benzene	Vol%	ASTM D4815/D6730	1.66
26	Paraffins	Vol%	ASTM D6730/D6729	69.99
27	Olefins	Vol%	ASTM D6730/D6729	1.4
28	Naphthenes	Vol%	ASTM D6730/D6729	19.44
29	Aromatics	Vol%	ASTM D6730/D6729	9.17
31	Oxygenates	Vol%	ASTM D6730/D6729	0



RGE's core business Oil, Gas, Refining and Petrochemicals



Container Shipment:

Minimum Order:- **10 CNTRs**

Bulk Shipment:

Minimum Order:- **3 KT**