

LIGHT NAPHTHA



No	Property	Unit	Light Naphtha		Method
			Min	Max	
1	Density @ 15° C	Kg/m ³	640	700	ASTM D4052/D1298
2	Distillation				ASTM D86
3	Initial Boiling Point	° C	25	45	
4	5% Evaporated	° C		55	
5	10% Evaporated	° C		60	
6	30% Evaporated	° C		65	
7	50% Evaporated	° C		75	
8	70% Evaporated	° C		85	
9	90% Evaporated	° C	65	100	
10	95% Evaporated	° C		110	
11	FBP	° C		120	
12	Residue	Vol %		1	
13	Loss	Vol %		2	
14	Total Sulphur	Wtppm		300	ASTM D5453/D4294
15	Mercaptan Sulphur	Wtppm		60	ASTM D3227 UOP.162
16	Reid Vapor Pressure	kpa		100	ASTM D323(See Note3)
17	Color Saybolt	-	25		ASTM D 156
18	Chlorine Content	ppm		3	ASTM D5808/D4929 UOP-359
19	Research Octane Number			75	ASTM D 2699
20	Aromatics	Vol %		10	ASTM D1319/D6839 D5986/D5580
21	Paraffins	Vol %	30		ASTM D4815(See Note4)
22	Saturated Content (P+N)	Vol %	60		ASTM D 1319
23	Olefins	Vol %		3	ASTM D1319/D6839
24	Benzene Contant	Vol %		5	ASTM D6839/D6277 D6730/D6729
25	Total Nitrogen	Wtppm		2	ASTM D5762/D4629
26	Oxygenates	Vol %		1	ASTM D 6839/D4815/D6729 D6730/D5986
27	Copper Contant (3 hours at 50°C)* (See Note1)	scale	Class 1		ASTM D 130
28	Lead Content	ppd		150	ASTM D3237/D5059