



Bitumen Grade: VG 30

Row No.	Type Test	Standard Range		Test Method	
		Min	Max	INSO	ASTM
1	Specific Gravity at 25°C	-	-	3872	D70
2	Penetration at 25°C (0.1mm)	45	-	2950	D5
3	Softening point (°C)	47	-	3868	D36
4	Flash point, Cleveland Open Cup (°C)	230	-	198	D92
5	Solubility in TCE (wt%)	99	-	2953	D2042
6	Kinematic viscosity at 135°C(Cst)	350	-	12855	D2170
7	Dynamic viscosity at 60 °C (poise)	2400	3600	12851	D2171
8	Penetration index	-1.5	1	EN12607-1	-
9	Spot test	-	-	-	-
10	Solvent (Naphtha)	Negative	Negative	2949	AASH T0102
11	Solvent (Xalene-Naphtha)	Negative	Negative	2949	AASH TO102
12	Solvent (Xalene-Heptane)	Negative	Negative	2949	AASH TO102
13	Thin Film oven test ,163°C,3.2mm, for 5hrs				
14	Dynamic viscosity at 60 °C (poise)	-	15000	12851-2957	D2171-1754
15	Ductility after heating 25°C 5cm/min (cm)	40	-	3866	D113



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