

## Material Test Certificate of Bitumen VG-40

CHARACTERISTICS	INSPECTIONS	REQUIREMENT	METHOD OF TEST
Density @ 15 deg . C g/cc	1.0425	To Report	IS 1202
Absolute Viscosity at 60 deg°C, Poises	4694	3200 to 4800	IS 1206 (Part 2)
Knematic Viscosity at 135°C, cSt	570.6	400 Min	IS 1206 (Part 3)
Flash Point Cleveland Open Cup,°C	>220	220 Min	IS 1448 P-69
Solubility in trichloroethylene,percent	99.9	99.0 Min	IS 1216
Penetration @ 25 deg C,100g, 5SEC,1/10 mm	42	35 Min	IS 1203
Softening Point R & B ), deg C	51.0	50 Min	IS 1205
Tests on residue from rolling thin flim oven tests			
1. Viscosity ratio at 60 deg C	2.11	4.0 Max	IS 1206 (Part 2)
2. ductility at 25° c, cm after thin- flim	>140	25 Min	IS 1208



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