

Specification of viscosity grade bitumen VG-20

Property	Units	Specification	Test Method
Penetration at 25°C, 100g, 5sec, Min	0.1 MM	60	IS 1203
Absolute viscosity at 60°C	p	1600-2400	IS 1206 (Part 2)
Kinematic viscosity at 135°C, Min	cSt	300	IS 1206 (Part 3)
Flash point(Cleveland open cup),Min	°C	220	IS 1448 [P : 69]
Solubility in trichloroethylene, Min	%Wt.	99	IS 1216
Softening point (R&B), Min	°C	45	IS 1205
Tests on residue from thin-film oven test:			
- Viscosity ratio at 60°C, Max	P	4.0	IS 1206 (Part 2)
- Ductility at 25°C, Min	CM	50	IS 1208



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