

***Bitumen VG 40***

No.	Analysis	Limit	Test Method
1	Absolute Viscosity @60 °C, Poises	Min. 3200	IS 1206 (Part 2)
2	Kinematic Viscosity @135 °C, cst	Min. 400	IS 1206 (Part 3)
3	Flash Point (Cleveland Open Cup) °C	Min. 220	IS 1209
4	Solubility in Trichloroethylene, %	Min. 99	IS 1206
5	Softening Point (R&B), °C	Min. 47	IS 1205
6	Penetration @25°C, 0.1mm 100g, 5 Sec.	40-60	IS 1203
Tests on Residue from Thin Film Oven Tests / RTFOT			
7	Viscosity Ratio @60°C	Max. 4.0	IS 1206 (Part 2)
8	Ductility @25°C, Cm, after thin film oven test	Min. 25	IS 1208
9	Specific Gravity@27/27 °C	Min 0.99	IS 1202

\* Conforms to (IS 73:2006) Specifications.

**Usage:** Bitumen VG-40 is used in highly stressed areas such as: Intersections, Air ports, truck parking lots, near toll booths and roads with heavy traffic loads in higher temperatures. Because of higher viscosity it also can be used instead of 30/40 bitumen penetration grade.

