

**Bitumen VG 30**

No.	Analysis	Limit	Test Method
1	Absolute Viscosity @60 °C, Poises	Min. 2400	IS 1206 (Part 2)
2	Kinematic Viscosity @135 °C, cst	Min. 350	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.	50-70	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. 40	IS 1208
9	Specific Gravity@27/27 °C	Min 0.99	IS 1202

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

**Usage:** Bitumen VG-30 is especially used to construct extra heavy duty bitumen pavements to tolerate heavy traffic loads. It is recommended for road construction where extra heavy traffic is expected.