



Bitumen VG 10

No.	Analysis	Limit	Test Method
1	Absolute Viscosity @60 °C, Poises	Min. 800	IS 1206 (Part 2)
2	Kinematic Viscosity @135 °C, cst	Min. 250	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. 40	IS 1205
6	Penetration @25°C, 0.1mm 100g, 5 Sec.	80-100	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. 75	IS 1208
9	Specific Gravity@27/27 °C	Min 0.99	IS 1202

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

Usage: Bitumen VG 10 is mostly used for surface dressing on paving and repairing by spraying applications in very cold climate instead of 80/100 penetration bitumen grade. It also used to produce bitumen emulsion and modified bitumen products.

