

Specification of viscosity grade bitumen VG-10

| Property | Units | Specification | Test Method |
|---|--------|---------------|------------------|
| Penetration at 25°C, 100g, 5sec, Min | 0.1 MM | 80 | IS 1203 |
| Absolute viscosity at 60°C | p | 800-1200 | IS 1206 (Part 2) |
| Kinematic viscosity at 135°C, Min | cSt | 250 | 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 | 40 | 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 | 75 | IS 1208 |



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