



Specification of viscosity grade bitumen VG-30

| Property | Units | VG-30 | TEST METHOD |
|---------------------------------------------------|--------|-----------|------------------|
| Penetration at 25°C, 100g, 5sec, Min | 0.1 MM | 50-70 | IS 1203 |
| Absolute viscosity at 60°C | P | 2400-3600 | IS 1206 (Part 2) |
| Kinematic viscosity at 135°C, Min | cSt | 350 | 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 | 47 | IS 1205 |
| Tests on residue from thin-film oven test: | | | |
| - Viscosity ratio at 60°C, Max | P | 4 | IS 1206 (Part 2) |
| - Ductility at 25°C, Min | CM | 40 | IS 1208 |