

Faraz Oil Viscosity Grades Bitumen (VG)

| Characteristics | Unit | Specification | | | | Test Method |
|--|--------|---------------|----------|----------|----------|------------------|
| | | VG 40 | VG 30 | VG 20 | VG 10 | |
| Absolute Viscosity @ 60 °C, Poises | °C | Min.3200 | Min.2400 | Min.1600 | Min.800 | IS 1206 (Part 2) |
| Kinematic Viscosity @ 135 °C | cSt | Min.400 | Min.350 | Min.300 | Min.250 | IS 1206 (Part 3) |
| Softening Point (R&B) | °C | Min.50 | Min.47 | Min.45 | Min.40 | IS 1205 |
| Flash Point (Cleveland Open Cup). | °C | Min.220 | Min.220 | Min.220 | Min.220 | IS 1209 |
| Solubility in trichloroethylene. | % | Min.99 | Min.99 | Min.99 | Min.99 | IS 1206 |
| Penetration @ 25 °C (100 grams, 5 seconds) | 0.1 mm | 40-60 | 50-70 | 60-80 | 80-100 | IS 1203 |
| Test on residue from thin film oven tests/RTFOT | | | | | | |
| i) Viscosity ratio @ 60 °C | °C | Max. 4.0 | Max. 4.0 | Max. 4.0 | Max. 4.0 | IS 1206 (Part 2) |
| ii) Ductility @ 25 °C, (Thin film oven test). | Cm | Min.25 | Min.40 | Min.50 | Min.75 | IS 1208 |
| Specification Gravity @ 27/27 | °C | Min.0.99 | Min.0.99 | Min.0.99 | Min.0.99 | IS 1202 |
| Conforms to BIS (IS 73:2006) Specifications | | | | | | |