

KGT is able to produce all grades of road bitumen in accordance with national standards.

| The experiment | Unit | Limit | Test Method |
|-----------------------------------|-------------------|-----------|-------------------|
| Density @25 °C | Kg/m ³ | 1000-1050 | ASTM D70 or D3289 |
| penetration @25 °C | mm/10 | 120-150 | ASTM D5 |
| Softening point | °C | 37 min | ASTM D36 |
| Ductility Point @25 °C | cm | 100 min | ASTM D113 |
| Loss on heating | Wt% | 0.5 max | ASTM D6 |
| Drop in penetration after heating | % | 20 max | ASTM D5 |
| Flash point | °C | 220 min | ASTM D92 |
| Solubility in Trichloroethylene | Wt% | 99.0 min | ASTM D2042 |
| Spot test | ---- | Negative | AASHTO T102 |
| Dynamic Viscosity @60 °C | Pa.S | 45±9 | ASTM D2171 |
| Kinematic Viscosity @60 °C | cSt | 170 min | ASTM D2170 |
| Wax Content | % | 2 max | DIN EN 12606-1 |

Test on residue from thin film oven Test (ASTM D1754)

| | | | |
|--|------|---------|------------|
| Retained Penetration after (T.F.O.T),% | % | 42 min | ASTM D5 |
| Ductility, (@25 °C),5cm/min, cm after TFOT | cm | 100 min | ASTM D113 |
| Viscosity @60 °C | Pa.S | 225 max | ASTM D2171 |