

BITUMEN PENETRATION

GRADE-80/100

Uses: This grade is primarily used to pave roads in cold areas due to its relatively low air blowing.

SPECIFICATIONS

| CHARACTERESTIC | RESULT | TEST METHOD |
|-------------------------------------|-----------|------------------|
| Specific Gravity @ 25/25 °C | 1.01/1.05 | ASTM D -70 |
| Penetration@ 25 °C | 80/100 | ASTM D -5 |
| Softening point °C | 45/52 | ASTM D -36 |
| Ductility @ 25 °C | 100min | ASTM D -113 |
| Loss of Heating | 0.5max | ASTM D -6 |
| Drop in penetration after heating | 20%max | ASTM D -6 & D -5 |
| Flash point °C | 225 min | ASTM D -92 |
| Solubility in CS2(%wt.) | 99.5 min | ASTM D -4 |
| Organic Matter insoluble in Cs2(w)% | 0.2 max | ASTM D -4 |
| Spot Test | Negative | A.A.S.H.O. |