

Product Data Sheet

ASPHALT PG 58-28

Supply Point: Strathcona

May 2003



Asphalt PG 58-28, manufactured at Imperial Oil's Strathcona Refinery, meets the Superpave Binder Specifications as designated by AASHTO M 320 for PG 58-28.

Typical Properties

| Original Binder | | Temperature at Specification | | AASHTO M 320 Specifications |
|--|------|------------------------------|-------|-----------------------------|
| Flash Point, °C | T48 | 270 | | 230°C min |
| Viscosity at 135°C, Pa.s | T316 | 0.30 | | 3.0 Pa.s max |
| Dynamic Shear, 10 rad/sec | | | 60.4 | 1.00 kPa min |
| G*/sinδ at 58°C | T315 | 1.33 | | |
| Rolling Thin Film Oven Residue | | | | |
| Mass Change, % | T240 | -0.15 | | 1.00 wt% max |
| Dynamic Shear, 10 rad/sec | | | 60.7 | 2.20 kPa min |
| G*/sinδ at 58°C | T315 | 3.51 | | |
| Pressure Aging Vessel Residue at 100°C | | | | |
| Dynamic Shear, 10 rad/sec | | | 15.7 | 5000 kPa max |
| G* sinδ at 19°C | T315 | 3267 | | |
| Creep Stiffness, 60 sec | | | -31.4 | 300 MPa max |
| S at -18°C | | 184 | | 0.300 min |
| m at -18°C | T313 | 0.344 | | |
| PERFORMANCE GRADE | | 58-28 | | |

For further information please contact our Technical Service Number at 1-800-268-3183.

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