

ASPHALT PG 46-34

Supply Point: Strathcona

May 2003



Asphalt PG 46-34, manufactured at Imperial Oil's Strathcona Refinery, meets the Superpave Binder Specifications as designated by AASHTO M 320 for PG 46-34.

Typical Properties

Original Binder			Temperature at Specification	AASHTO M 320 Specifications
Flash Point, °C	T48	272		230°C min
Viscosity at 135°C, Pa.s	T316	0.16		3.0 Pa.s max
Dynamic Shear, 10 rad/sec G*/sinδ at 46°C	T315	1.48	49.0	1.00 kPa min
Rolling Thin Film Oven Residue				
Mass Change, %	T240	-0.11		1.00 wt% max
Dynamic Shear, 10 rad/sec G*/sinδ at 46°C	T315	4.04	50.4	2.20 kPa min
Pressure Aging Vessel Residue at 100°C				
Dynamic Shear, 10 rad/sec G*/sinδ at 10°C	T315	3439	7.5	5000 kPa max
Creep Stiffness, 60 sec S at -24°C		162	-28.4	300 MPa max
m at -24°C	T313	0.355		0.300 min
PERFORMANCE GRADE		46-34		

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

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