

## ASPHALT PG 52-34

Supply Point: Strathcona

May 2003



Asphalt PG 52-34 is manufactured at Imperial Oil's Strathcona Refinery. It meets the Superpave Binder Specifications as designated by AASHTO M 320 for PG 52-34.

### Typical Properties

<b>Original Binder</b>			Temperature at Specification	AASHTO M 320 Specifications
Flash Point, °C	T48	276		230°C min
Viscosity at 135°C, Pa.s	T316	0.21		3.0 Pa.s max
Dynamic Shear, 10 rad/sec			53.6	1.00 kPa min
G*/sinδ at 52°C	T315	1.22		
<b>Rolling Thin Film Oven Residue</b>				
Mass Change, %	T240	-0.35		1.00 wt% max
Dynamic Shear, 10 rad/sec		3.33	55.2	2.20 kPa min
G*/sinδ at 52°C	T315			
<b>Pressure Aging Vessel Residue at 100°C</b>				
Dynamic Shear, 10 rad/sec			9.6	5000 kPa max
G*/sinδ at 13°C	T315	2838.6		
Creep Stiffness, 60 sec			-26.3	300 MPa max
S at -24°C		224		0.300 min
m at -24°C	T313	0.344		
<b>PERFORMANCE GRADE</b>		<b>52-34</b>		

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

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