



## ASPHALT PG 58-28 AS

Supply Point: Dartmouth

April 2005

Asphalt PG 58-28 AS, manufactured at Imperial Oil's Dartmouth 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	310		230°C min
Viscosity at 135°C, Pa.s	T316	0.26		3.0 Pa.s max
Dynamic Shear, 10 rad/sec G*/sinδ at 58°C	T315	1.23	59.6	1.00 kPa min
<b>Rolling Thin Film Oven Residue</b>				
Mass Change, %	T240	-0.18		1.00 wt% max
Dynamic Shear, 10 rad/sec G*/sinδ at 58°C	T315	3.11	60.8	2.20 kPa min
<b>Pressure Aging Vessel Residue at 100°C</b>				
Dynamic Shear, 10 rad/sec G*/sinδ at 19°C	T315	3119	15.2	5000 kPa max
Creep Stiffness, 60 sec S at -18°C m at -18°C	T313	168 0.319	-20.2	300 MPa max 0.300 min
<b>PERFORMANCE GRADE</b>		<b>58-28</b>		

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

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