

ASPHALT PG 58-28

Supply Point: Nanticoke

May 2003



Asphalt PG 58-28, manufactured at Imperial Oil's Nanticoke 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	300		230°C min
Viscosity at 135°C, Pa.s	T316	0.31		3.0 Pa.s max
Dynamic Shear, 10 rad/sec			61.1	1.00 kPa min
G*/sinδ at 58°C	T315	1.47		
Rolling Thin Film Oven Residue				
Mass Change, %	T240	0.01		1.00 wt% max
Dynamic Shear, 10 rad/sec			61.7	2.20 kPa min
G*/sinδ at 58°C	T315	3.51		
Pressure Aging Vessel Residue at 100°C				
Dynamic Shear, 10 rad/sec			17.8	5000 kPa max
G*/sinδ at 19°C	T315	4287		
Creep Stiffness, 60 sec			-19.0	300 MPa max
S at -18°C		244		0.300 min
m at -18°C	T313	0.310		
PERFORMANCE GRADE		58-28		

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

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