



ASPHALT 300/400A

Supply Point: Strathcona

May 2003

Asphalt 300/400A, manufactured at Imperial Oil's Strathcona Refinery, meets the Canadian General Standards Board Specification, CAN/CGSB-16.3-M90, Group A and the Standard Specifications for the Provinces of Alberta, Saskatchewan, Manitoba and Ontario. Group A signifies superior low temperature cracking performance based on lower susceptibility to temperature changes by specifying high viscosity for a given penetration.

Property	Typical Properties	CGSB Specification		Test Method
		Min.	Max.	
Flash Point (C.O.C.), °C	272	175		ASTM D 92
Penetration at 25°C, 100 g/5 s, 0.1 mm	340	300	400	ASTM D 5
Viscosity at 60°C, Pa.s	27	21.5 (1)		ASTM D 2171
Viscosity at 135°C, cSt	150	120 (2)		ASTM D 2170
Solubility in Trichloroethylene, % by Mass	>99.9	99.0 (3)		ASTM D 2042
Ductility at 15.6°C, 5 cm/min, cm (4)	>100	100		ASTM D 113
Ductility at 15°C, 5 cm/min, cm(5)	>100	100		ASTM D 113
Density at 15°C, kg/m ³	1028	NONE		ASTM D 70
Thin Film Oven Test:				ASTM D 1754
% Loss in Mass	0.10		1.5 (6)	
% of Original Penetration at 25°C	52	35		
Ratio of Absolute Viscosity of residue to Original (5)	2.4		4.0	

(1) Viscosity at 60°C of 17.0 Pa.s for Alberta, Saskatchewan and Manitoba. (2) Not required for Saskatchewan. (3) Solubility of 99.5% for Alberta, Saskatchewan, and Manitoba. (4) Not a CGSB specification. Only for Alberta and Manitoba. (5) Only for Saskatchewan. (6) Not required for Alberta or Manitoba. Maximum % loss of 2.0% for Saskatchewan.

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

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