



Paving Bitumen 170

ExxonMobil Asphalt, Singapore

VISCOSITY GRADED BITUMEN PRODUCT

Product Description

Paving Bitumen 170 is a viscosity graded bitumen product derived from specially selected crude oils via carefully controlled refining processes.

The quality of ExxonMobil products is assured for every delivery. They are produced and controlled according to the ExxonMobil Product Quality Management System, EN ISO 9000 or equivalent standard.

Applications

Paving Bitumen 170 is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Paving Bitumen 170 meets the following specification requirements:

Properties	Units	Method	Paving Bitumen 170
Viscosity at 60° C	Pa.s	ASTM D 2171	140 - 180
Viscosity at 135° C	Pa.s	ASTM D 2171	0.25 - 0.45
Penetration at 25° C (min)	x 0.1 mm	ASTM D 5	62
Flash Point (min)	°C	ASTM D 92	250
Solubility in trichloroethylene (min)	wt %	ASTM D 2042	99
Long term effect of heat and air (Durability) (min)	Days	AS 2341.13	9.5
Density at 15° C	kg / m ³	ASTM D 70	Report

Rolling Thin Film Oven Test at 163° C (ASTM D 2872)

Viscosity of residue at 60° C as percentage of original (max)	%	ASTM D 2171	300
Ductility of residue at 25° C, 5cm/min (min)	mm	ASTM D 113	400

Above specifications may be subject to change.

Health & Safety

Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request through your local sales representative or from www.exxonmobil.com.

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