ExxonMobil

Paving Asphalt 80/100

ExxonMobil Asphalt , Singapore

PENETRATION GRADED ASPHALT PRODUCT

Product Description

Paving Asphalt 80/100 is a penetration graded asphalt 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 Asphalt 80/100 is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Paving Asphalt 80/100 meets the following specification requirements:

Asphalt	Units	Method	80/100
Penetration at 25° C Note 1	0.1 mm	ASTM D 5	80-100
Softening Point Note 2	°C	ASTM D 36	45-52
Ductility at 25° C, 5 cm/min (min) Note 2	cm	ASTM D 113	150
Ductility at 15° C, 5 cm/min (min) Note 2	cm	ASTM D 113	100
Wax Content (max) Note 2	mass %	DIN EN 12606-1	2
Specific gravity Note 2	-	ASTM D 70	1.01-1.05
Flash Point (min) Note 1	°C	ASTM D 92	232
Solubility in trichloroethylene (min) Note 1	mass %	ASTM D 2042	99.5
Viscosity at 60° C (AI 100 bulb C) (min) Note 3	Pa.s	ASTM D 2171	115
Viscosity at 135° C Note 3	mm2/s	ASTM D2170	300 - 650

Loss on heating at 163°C (ASTM D6)

Change of mass (max) +/-*Note2	wt %	ASTM D 6	0.2
Retained penetration (min) Note 2	%	ASTM D 5	80

Thin Film Oven Test at 163°C (ASTM D1754)

Change of mass (max) +/- *Note2	mass %	ASTM D 1754	0.2

Change of mass (max) +/- *Note2	mass %	ASTM D 1754	0.2
Retained penetration (min) Note 2	%	ASTM D 5	60
Ductility at 25° C, 5 cm/min (min) Note 2	cm	ASTM D 113	150

Rolling Thin Film Oven Test at 163°C (ASTM D2872)

Penetration at 25° C as % of original (min) *Note3	%	ASTM D 5	50
Ductility at 25° C, 5 cm/min (min) Note 3	cm	ASTM D 113	60

Note 1: Applies to all customers

Note 2: Applies to all customers except in New Zealand

Note 3: Applies to product supplied to customers in New Zealand only

Above specifications may be subject to change

Health & Safety

Detailed heath 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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Further Information

ExxonMobil supplies a full range of bitumen, waxes, white oils, process oils and a full range of other lubricants, fuels and chemical products worldwide. Please contact your local ExxonMobil representative, or contact us at www.exxonmobil.com for more information on other products.

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