



Paving Asphalt 320 U

ExxonMobil Asphalt, Singapore

VISCOSITY GRADED ASPHALT PRODUCT

Product Description

Paving Asphalt 320 U is a viscosity and 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 320 U is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Paving Asphalt 320 U meets the following specification requirements:

Properties	Units	Method	Paving Asphalt 320 U
Penetration at 25° C (min) Note ^{1, 2}	x 0.1 mm	ASTM D 5	40
Viscosity at 60° C Note ³	Pa.s	ASTM D 2171	260 - 360
Viscosity at 135° C Note ³	Pa.s	ASTM D 2171	0.40 - 0.65
Flash Point (min)	°C	ASTM D 92	260
Solubility in trichloroethylene (min)	wt %	ASTM D 2042	99.5
Softening point (min) Note ⁴	°C	ASTM D36	49
Ductility @ 25° C (min) Note ⁴	cm	ASTM D113	100
Specific gravity	-	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) *Note 3	%	ASTM D 2171	300
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Thin Film Oven Test at 163°C (ASTM D 1754)

Penetration of residue at 25° C as percentage of original (min) *Note 4	%	ASTM D 5	63
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Note ¹: When Product is supplied to meet 40/50 penetration grade the penetration @ 25°C will have a maximum limit of 50 pen units (0.1mm)

Note ²: When Product is supplied to meet 40/60 penetration grade the penetration @ 25°C will have a maximum limit of 60 pen units (0.1mm).

Note ³: These properties are not reported when product is supplied to meet 40/50 or 40/60 grades.

Note ⁴: These properties are reported only when the product is supplied to meet 40/50 or 40/60 grades.

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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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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