



Paving Asphalt 80/100 C

ExxonMobil Asphalt, Singapore

PENETRATION GRADED ASPHALT PRODUCT

Product Description

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

Properties and Specifications

Property	Standard Method(a)	Limit	
Penetration, 25 C, 0.1 mm	ASTM D5	Min-Max	80-100
Softening Point, °C	ASTM D36	Min-Max	45-52
Ductility @ 15 C, 5 cm/min, cm	ASTM D113	Min	100
Wax Content, mass%	DIN EN 12606-1	Max	2
Relative Density @ 25 C/25 C	ASTM D70	Min-Max	1.01-1.05
Flash Point, Cleveland Open Cup, °C	ASTM D92	Min	260
Solubility in Trichloroethylene, wt%	ASTM D2042	Min	99.5

Thin Film Oven Test @ 163 C (D1754)

Property	Standard Method(a)	Limit	
Change in Mass, on ASTM D1754 Residue, %	ASTM D1754	Min-Max	-0.2-0.2
Penetration, 25 C, on ASTM D1754 Residue, %	ASTM D5	Min	61
Ductility @ 15 C, 5 cm/min, on ASTM D1754 Residue, cm	ASTM D113	Min	60

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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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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