



Paving Bitumen EM

ExxonMobil Asphalt , United Kingdom

PENETRATION GRADED BITUMEN PRODUCTS - UK

Product Description

Paving Bitumen EM are penetration graded bitumen products 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 Global Product Integrity Management System, EN ISO 9000 or equivalent standard.

Applications

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

Properties and Specifications

Property	35/50 EM	40/60 EM	70/100 EM	100/150 EM	160/220 EM
Change in Mass, on EN 12607-1 Residue, %, EN 12607-1	0.5	0.5	0.8	0.8	1.0
Flash Point, Cleveland Open Cup, °C, EN ISO 2592	240	230	230	230	220
Increase in Softening Point, on EN 12607-1 Residue, °C, EN 1427	8	9	9	10	11
Kinematic Viscosity @ 135 C, mm ² /s, EN 12595	370	325	230	175	135
Penetration, 25 C, 0.1 mm, EN 1426	35-50	40-60	70-100	100-150	160-220
Retained Penetration, on EN 12607-1 Residue, %, EN 1426	53	50	46	43	37
Softening Point, °C, EN 1427	50-58	48-56	43-51	39-47	35-43
Solubility in Toluene, wt%, EN 12592	99.0	99.0	99.0	99.0	99.0

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.as>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

07-2020

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.

Every care has been taken in the preparation of this information. To the extent permitted by applicable law, all warranties and/or representations, express or implied, the accuracy of the information are disclaimed, and no liability is accepted for the accuracy or completeness of the same.

Exxon

Mobil

Esso

XTOMobil

© Copyright 2003-2024 Exxon Mobil Corporation. All Rights Reserved