



Paving Bitumen CH

ExxonMobil Asphalt, Switzerland

PENETRATION GRADED BITUMEN PRODUCTS

Product Description

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

Properties & Specifications

Paving Bitumen CH grades meet the SN 670 202-NA / EN 12591:2009 specification requirements:

Paving Bitumen grades			50/70 CH	70/100 CH	160/220 CH
Property	Unit	Test Method			
Penetration at 25 °C	x 0.1 mm	EN 1426	50-70	70-100	160-220
Softening point	°C	EN 1427	46-54	43-51	35-43
Flash point (min)	°C	ISO 2592	230	230	220
Solubility in toluene (min)	% (m/m)	EN 12592	99.0	99.0	99.0
Dynamic viscosity at 60 °C (min)	Pa.s	EN 12596	145	90	30
Kinematic viscosity at 135 °C (min)	mm ² /s	EN 12595	295	230	135
Fraass breaking point (max)	°C	EN 12593	-8	-10	-15
Pfeiffer Penetration Index	-	Annex A EN 12591	-1.5/+0.7	-1.5/+0.7	-1.5/+0.7

Resistance to hardening: Rolling Thin Film Oven Tests at 163 °C (EN 12607-1)

Change of mass (max) +/-	%	EN 12607-1	0.5	0.8	1.0
Retained penetration (min)	%	EN 1426	50	46	37
Increase in softening point – Severity 1 (max)	°C	EN 1427	9	9	11

The SN 670 202-NA / EN 12591 specifications may be subject to change.

Health & Safety

Detailed health and safety information for these products is provided in the Material Safety Data Sheets (MSDS), available upon request through your local 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 c
your local ExxonMobil representative, or contact us at www.exxonmobil.com for more information on other products.

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