ExxonMobil

# Paving Bitumen 170

ExxonMobil Asphalt , Singapore

VISCOSITY GRADED BITUMEN PRODUCT

## Product Description

Paving Bitumen 170 is a viscosity graded bitumen 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 Bitumen 170 is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

## Properties & Specifications

Paving Bitumen 170 meets the following specification requirements:

| Properties | Units | Method | Paving Bitumen 170 |
|---|---|---|---|
| Viscosity at 60° C | Pa.s | ASTM D 2171 | 140 - 180 |
| Viscosity at 135° C | Pa.s | ASTM D 2171 | 0.25 - 0.45 |
| Penetration at 25° C (min) | x 0.1 mm | ASTM D 5 | 62 |
| Flash Point (min) | °C | ASTM D 92 | 250 |
| Solubility in trichloroethylene (min) | wt % | ASTM D 2042 | 99 |
| Long term effect of heat and air (Durability) (min) | Days | AS 2341.13 | 9.5 |
| Density at 15° C | kg / $m^3$ | 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) | % | ASTM D 2171 | 300 |
|---|---|---|---|
| Ductility of residue at 25° C, 5cm/min (min) | mm | ASTM D 113 | 400 |

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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