



ASPHALT EMULSION EAP

ExxonMobil Asphalt , Thailand

Emulsified Asphalt Prime Asphalt Emulsion

Product Description

Asphalt Emulsion EAP is an emulsified asphalt prime asphalt emulsion produced by the patented SMEP process. The base asphalt for emulsification is derived from specially selected crude oils via carefully controlled refining processes. Asphalt Emulsion EAP components are carefully selected and balanced, according to formulations developed by ExxonMobil.

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

Asphalt Emulsion EAP is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Claims

This product meets or exceeds the requirements of:

Specification no. DH-SP 410/2014 of Department of Highways, Thailand

Properties and Specifications

| Property | Standard Method(a) | | Limit |
|--|--------------------|---------|----------|
| Ductility @ 25 C, 5 cm/min, on Distillation Residue, cm | ASTM D1113 | Min | 40 |
| Solubility in Trichloroethylene, Distillation Residue, wt% | ASTM D2042 | Min | 97.5 |
| Penetration, 25 C, on Distillation Residue, 0.1 mm | ASTM D5 | Min-Max | 100-250 |
| Settlement, 5 days, Difference, % | ASTM D6930 | Max | 10 |
| Storage Stability, 24 h, Difference, % | ASTM D6930 | Max | 2 |
| Sieve Test, Retained on No. 20, wt% | ASTM D6933 | Max | 0.1 |
| Distillation Residue, wt% | ASTM D6997 | Min | 50 |
| Particle Charge | ASTM D7402 | Min-Max | Positive |
| Saybolt-Furol Viscosity @ 25 C, s | ASTM D7496 | Min-Max | 20-100 |
| Penetration Power Test, timing of permeability into standard filler, minutes | EN 12849 (mod) | Max | 20 |
| Penetration Power Test, distance of permeability into standard filler, mm. | EN 12849 (mod) | Min | 8 |
| Oil Distillate, by Volume of Emulsion, % | ASTM D6997 | Min-Max | 5-12 |

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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The ExxonMobil logo is displayed in white text on a black background. The word "Exxon" is in a bold, sans-serif font, and "Mobil" is in a regular weight of the same font. The two words are joined together.

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