



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 D113	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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