



Asphalt Emulsion CMS-2h

ExxonMobil Asphalt , Thailand

CATIONIC MEDIUM SETTING ASPHALT EMULSION

Product Description

Asphalt Emulsion CMS-2h is a cationic medium setting asphalt emulsion produced by the patented SMEP process. The base asphalt for emulsification is derive specially selected crude oils via carefully controlled refining processes. Asphalt Emulsion CMS-2h components are carefully selected and balanced, accord 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 S EN ISO 9000 or equivalent standard.

Applications

Asphalt Emulsion CMS-2h is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Asphalt Emulsion CMS-2h meets TIS 371-2530 specification requirements:

| Asphalt Emulsion | Units | Method | CMS-2h |
|--|-------|------------|----------|
| Saybolt-Furol Viscosity at 50° C | sec | ASTM D7496 | 50-450 |
| Settlement 5 days, difference (max) | % | ASTM D6930 | 5 |
| Storage stability, 24hours, difference (max) | % | ASTM D6930 | 1 |
| Sieve test, retained on No. 20 (max) | wt% | ASTM D6933 | 0.1 |
| Particle charge | - | ASTM D7402 | Positive |

Aggregate Coating Ability and Water Resistance (ASTM D 244)

| | | | |
|----------------------|----------|-----------|----|
| Dry aggregates (min) | % coated | ASTM D244 | 80 |
| Wet aggregates (min) | % coated | ASTM D244 | 60 |

Distillation (ASTM D 244)

| | | | |
|---|-----|------------|----|
| Oil Distillate, by volume of emulsion (max) | % | ASTM D6997 | 12 |
| Residue (min) | wt% | ASTM D6997 | 65 |

Test on Residue from Distillation test (ASTM D 244)

| | | | |
|--|--------|------------|-------|
| Penetration at 25° C, 100g, 5sec | 0.1 mm | ASTM D5 | 40-90 |
| Ductility at 25° C, 5 cm/min (min) | cm | ASTM D113 | 40 |
| Solubility test in trichloroethylene (min) | wt% | ASTM D2042 | 97.5 |

TIS 371-2530 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 representative or from www.exxonmobil.com.

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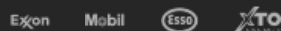
05-2020

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.

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