



Asphalt Emulsion CRS-2

ExxonMobil Asphalt , Thailand

CATIONIC RAPID SETTING ASPHALT EMULSION

Product Description

Asphalt Emulsion CRS-2 is a cationic rapid setting asphalt emulsion produced by the patented SMEP process. The base asphalt for emulsification is derived from selected crude oils via carefully controlled refining processes. Asphalt Emulsion CRS-2 components are carefully selected and balanced, according to formula 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 CRS-2 is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Asphalt Emulsion CRS-2 meets TIS 371-2530 specification requirements:

Asphalt Emulsion	Units	Method	CRS-2
Saybolt-Furol Viscosity at 50° C	sec	ASTM D7496	100-400
Settlement 5 days, difference (max)	%	ASTM D6930	5
Storage Stability, 24 hours, difference (max)	%	ASTM D6930	1
Demulsibility, difference (min)	%	ASTM D 6936	40
Sieve test, retained on No. 20 (max)	wt%	ASTM D6933	0.1
Particle charge	-	ASTM D7402	Positive

Distillation (ASTM D 244)

Oil Distillate, by volume of emulsion (max)	%	ASTM D6997	3
Residue (min)	wt%	ASTM D6997	65

Test on Residue from Distillation Test (ASTM D 244)

Penetration at 25° C, 100g, 5 sec	0.1 mm	ASTM D5	90-140
Ductility at 25° C, 5 cm/min (min)	cm	ASTM D113	40
Solubility 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](http://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](http://www.exxonmobil.com) for more information on other products.

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