ExxonMobil

Asphalt Emulsion CSS-1h

ExxonMobil Asphalt , Thailand

CATIONIC SLOW SETTING ASPHALT EMULSION

Product Description

Asphalt Emulsion CSS-1h is a cationic slow setting 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 CSS-1h 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 CSS-1h is recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

Properties & Specifications

Asphalt Emulsion CSS-1h meets TIS 371-2530 specification requirements:

Asphalt Emulsion	Units	Method	CSS-1h
Saybolt-Furol viscosity at 25° C	sec	ASTM D7496	20-100
Settlement 5 days, difference (max)	%	ASTM D6930	5
Storage stability, 24 hours, difference (max)	%	ASTM D6930	1
Sieve test, retained on No. 20 (max)	wt%	ASTM D6933	0.1
Cement mixing (max)	wt%	ASTM D6935	2
Particle charge	-	ASTM D7402	Positive

Distillation (ASTM D 244)

Residue (min)	wt%	ASTM D6997	57

Test on Residue from Distillation test (ASTM D 244)

Penetration at 25° C, 100g, 5 sec	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 sales representative or from www.exxonmobil.com.

All trademarks used herein are trademarks of Exxon Mobil Corporation or one of its subsidiaries.

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.

Every care has been taken in the preparation of this information. To the extent permitted by applicable law, all warranties and/or representations, express or implied, as to the accuracy of the information are disclaimed, and no liability is accepted for the accuracy or completeness of the same.

ExxonMobil

Exxon Mobil Esso XTO

© Copyright 2003-2024 Exxon Mobil Corporation. All Rights Reserved