



Product Data Sheet

ASPHALT EMULSION EAP

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

Properties and Specifications

Asphalt Emulsion EAP meets DH-SP 410/2014 of Department of Highways, Thailand specification requirements:

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

DH-SP 410/2014 specification by Department of Highway, Thailand