

CRS-2 Product Data Sheet

Description and Physical Properties

CRS-2 is a emulsion that is used primarily for chip seals and is also used as a tack coat. The material is applied through a distributor at a rate of .10 to .35 of a gallon per square yard depending on the surface to be treated unless otherwise specified.

Physical Properties

- Boiling Point—Approximately 100°C (212°F)
- Percent Volatiles—None
- Appearance—Brown Liquid
- Flammability—Non-flammable (liquid)
- Weight Per Gallon—8.4 lbs
- Solubility in Water—Dispersible
- Odor—Mild Petroleum Odor

Specifications for CRS-2

The specification conforms to AASHTO M208, ASTM D2397, the Virginia Department of Transportation, North Carolina DOT and Maryland State Highway Administration.

Property		Test Procedure (AASHTO)	Specification	
			Min	Max
Viscosity, seconds, Saybolt Furol 50°C (122°F)		T59, T72	100	400
Sieve Test %		T59	—	.10
Particle Charge		T59	Positive	
Demulsibility		T59	40	—
Distillation Test	Residue from Distillation, % by weight	T59	65	—
	Oil Distillation, % by Volume	T59	—	3
Test on Residue From Distillation	Penetration	T49, T59	100	250
	Ductility, 25°C, (77°F), 5cm/min,cm	T59, T51	40	—

Storage and Application

Grade	Recommended Maximum Storage Temperature, °F	Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
CRS-2	160	125-175	175

Transport

Regulatory Information	UN Number	Proper Shipping Name	Class	PG	Label
USDOT					Not Regulated



Asphalt Emulsion Industries, LLC
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Asphalt Emulsion Industries, LLC • P. O. Box 38128 • Henrico, VA 23231 • 804.264.2425

Fax 804.264.0219 • Toll Free 877.806.4429

www.asphalt-emulsion.com

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