

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

## Specifications for CRS-2

The specification conforms to AASHTO M208 and the Virginia Department of Transportation.

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 Test on Residue From Distillation	Residue from Distillation, % by weight	T59	65	—
	Oil Distillation, % by Volume	T59	—	3
	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



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