

CRS-2L/P/M Product Data Sheet

Description and Physical Properties

CRS-2L/P/M is an emulsion that is used primarily for chip seals. Due to the polymer modification it causes the chip seal to be more durable under higher volume traffic. The material is applied through a distributor at a rate of .20 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—Dispersable

Specifications for CRS-2L/P/M

The specification conforms to AASHTO M316 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		T79	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	175
	Elastic Recovery, 50°F, %	T301	50	—
	Softening Point, (r and b)	T53	38°C(100°F)	—

Handling

Protect the emulsion from freezing
 Avoid overheating the emulsion
 Avoid excessive pumping with high shear pumps, especially if the emulsion is cool.

Storage and Application

Grade	Recommended Maximum Storage Temperature, °F	Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
CRS-2L/P/M	160	125-160	165

Transport

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



Quality Emulsion for Every Application

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