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 100ºC (212ºF)
- 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, the Virginia Department of Transportation, North Carolina DOT and Maryland State Highway Administration.

Property		Test Procedure (AASHTO)	Specification	
			Min	Max
Viscosity, seconds, Saybolt Furol 50ºC (122ºF)		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, 50ºF, %	T301	50	—
	Softening Point, (R&B), ºC (Fº)	T53	43.3ºC(110ºF) *	

*The Softening Point is not in M316 and the 110ºF covers both North Carolina and Virginia.

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, ºF	Application Temperatures (ºF)	
		Recommended Range	Maximum Allowable
CRS-2L/P/M	160	125-160	175

Transport

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

Asphalt Emulsion Industries, LLC
Quality Emulsion for Every Application