

CRS-2L PRODUCT DATA SHEET

EMULVIA® L

PRODUCT DESCRIPTION

CRS-2L is cationic water-based latex modified emulsified asphalt designed for use as a bituminous binder. Typical uses for this product include chip seal, cape seal, sandwich seal and tack coat applications



CRS-2L is a versatile emulsion, most often used in pavement preservation treatments like chip seal. Chip seal applications by themselves, or as part of a cape seal pavement preservation treatment, are an effective and cost efficient option for transportation authorities to extend pavement service life while stretching their road maintenance budget dollars.

SPECIFICATIONS

CRS-2L conforms to the requirements of the North Carolina DOT, South Carolina DOT and meets the requirements of AASHTO M316 for polymer modified cationic asphalt emulsions.

Test Property	Standard Reference	Tolerance
Residue	AASHTO M 316 & T 59	≥ 65%
Viscosity, sfs @ 122°F	AASHTO M 316 & T 59	100 to 400 sfs
Penetration, dmm @ 77°F	AASHTO M 316 & T 49	90 to 150 dmm
Sieve	AASHTO M 316 & T 59	0.1 max
Softening Point, °F	AASHTO T53	Varies by state
Polymer Solids Content	AASHTO M316, state DOT	3% minimum
Elastic Recovery	AASHTO M 316 & T301	≥ 60%

PHYSICAL PROPERTIES

Specific Gravity @ 60°F: 1.000 – 1.100
 Boiling point: 212°F
 Solubility in water: Soluble
 Appearance and odor: Brown liquid, with a faint petroleum odor
 Flammability: Non-flammable in water-based state

STORAGE AND HANDLING

CRS-2L should not be exposed to freezing or extreme heating. Many state agencies specify application temperature ranges from 90°F to 175°F based on usage application. We recommend an application temperature range of 150°F to 180°F for most usage applications. Recommended storage temperatures are from 50°F to 140°F.