

CRS-2 PRODUCT DATA SHEET

EMULVIA® S



PRODUCT DESCRIPTION

CRS-2 is cationic water-based rapid setting emulsified asphalt designed for use as a bituminous binder. Typical uses for this product include tack coat, chip seal, and sand seal applications.

SPECIFICATIONS

CRS-2 conforms to the requirements of the North Carolina DOT, South Carolina DOT and AASHTO M208 for cationic asphalt emulsions.

Test Property	Standard Reference	Tolerance
Residue	AASHTO M 208 & T 59	≥ 65%
Viscosity, sfs @ 122°F	AASHTO M 208 & T 59	100 to 400 sfs
Penetration, dmm @ 77°F	AASHTO M 208 & T 49	90 to 150 dmm
Sieve	AASHTO M 208 & T 59	0.1 max
Demulsibility	AASHTO M 208 & T 53	≥ 40

<u>PHYSICAL PROPERTIES</u>
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-2 should not be exposed to freezing or extreme heating. Many state agencies specify application temperature ranges from 125°F to 185°F. We recommend an optimum application range of 150°F to 180°F for most usage applications. Recommended storage temperatures are from 50°F to 140°F.