

CMS-2 PRODUCT DATA SHEET

EMULVIA® CR2



PRODUCT DESCRIPTION

CMS-2 is cationic water-based medium setting emulsified asphalt designed for use as a bituminous binder. Typical uses for this product include mixing with graded aggregate, tack coat, chip seals and cold recycling applications.

SPECIFICATIONS

CMS-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	50 to 450 sfs
Penetration, dmm @ 77°F	AASHTO M 208 & T 49	90 to 250 dmm
Sieve	AASHTO M 208 & T 59	0.1 max
Coating Test (when applicable)	AASHTO M 208 & T 59	Uniform coating

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

CMS-2 should not be exposed to freezing or extreme heating. Many state agencies specify application temperature ranges from 50°F to 160°F, based on the usage category. We recommend an optimum application temperature range of 60°F to 160°F, depending on your application. Recommended storage temperatures are from 50°F to 140°F.