

CRS-1 PRODUCT DATA SHEET

EMULVIA® TAC



PRODUCT DESCRIPTION

CRS-1 is cationic water-based rapid setting emulsified asphalt designed for use as a bituminous binder. Typical uses for this product include tack coat, fog seal and sand seal applications.

SPECIFICATIONS

CRS-1 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	≥ 60%
Viscosity, sfs @ 122°F	AASHTO M 208 & T 59	20 to 100 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

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-1 should not be exposed to freezing or extreme heating. Many state agencies specify application temperature ranges from 90°F to 160°F. We recommend an optimum application range of 150°F to 170°F for most usage applications. Recommended storage temperatures are from 50°F to 140°F.