

CQS-1h PRODUCT DATA SHEET

SLURRY SEAL EMULSION

PRODUCT DESCRIPTION

CQS-1h is cationic water-based emulsified asphalt designed for use as a bituminous binder in slurry seal applications.



SPECIFICATIONS

CQS-1h conforms to the requirements of AASHTO M208 for cationic asphalt emulsions. CQS-1h will be used with a chosen aggregate as part of a project specific slurry design.

Test Property	Standard Reference	Tolerance
Residue	AASHTO M 208 & T 59	≥ 62
Viscosity, sfs @ 77°F	AASHTO M 208 & T 59	20 to 100 sfs
Sieve	AASHTO M 208 & T 59	0.1 max
Penetration	AASHTO M 208 & T 49	40 to 90 dmm

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

CQS-1h should not be exposed to freezing or extreme heating. Application of the slurry mixture made with CQS-1h will be at ambient temperatures. Recommended storage temperatures are from 50°F to 100°F.