

SECTION 1032 -- EMULSIFIED ASPHALT (CATIONIC)

1032.01 -- Description

Emulsified asphalt (cationic) shall conform to the requirements of AASHTO M 208.

1032.02 -- Material Characteristics

1. a. This Specification shall govern the sampling and testing of Grades CRS-1h and CM-4.

b. Grade CRS-1h shall comply with the requirements of CRS-1 in AASHTO M 208 except that the residue from the distillation test shall have a penetration of 40 minimum and 90 maximum (25°C, 100 g, 5 seconds).

c. Grade CM-4 shall comply with the test requirements in Table 1032.01.

Table 1032.01

Emulsified Asphalt (Cationic) Requirements^a		
	CM-4	
	Min.	Max.
Tests on Emulsion:		
Viscosity, Saybolt Furol at 50°C sec.	50	500
Settlement, (^b) 5 days % ^b	---	5
Storage Stability Test, 1 day, % ^b	---	1
Sieve Test, %	---	0.5
Distillation:		
Oil Distillate, by volume of emulsion, %	---	12
Residue, %	65	---
Tests on Residue from Distillation Test:		
Penetration, 25°C, 100 g, 5 sec	300	---
Solubility in Trichloroethylene	97.0	---
Viscosity, Saybolt Furol at 82°C, sec	200	600
^a Refer to AASHTO R 5 for typical applications.		
^b This test requirement on representative samples may be waived if successful application of the material has been achieved in the field.		

1032.03 -- Acceptance Requirements

Emulsified asphalt (cationic) will be accepted as prescribed in the NDR *Materials Sampling Guide*.