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## CMS-2

Type Grade	Medium Setting	
	Min.	Max
Test on Emulsions:		
Viscosity SSF @ 77F. sec.		
Viscosity SSF @ 122F. sec.	50	450
Settlement 5 days, % (a)		5
Storage Stability Test 1 day (b)		1
Demulsibility 35 ml. 0.80% sodium dioctyl sulfosuccinate, % (c)		
Coaling ability & water resistance:		
Coating, dry aggregate	Good	
Coating, after spraying	Fair	
Coating, wet aggregate	Fair	
Coaling, after spraying	Fair	
Particle charge test	Positive	
Sieve test, %		0.10
Cement mixing test, %		
Classification test		
Distillation:		
Oil distillate by vol. of emulsion %		12
Residue, %	65	
Tests on residue from distillation test:		
Penetration, 77F.	100	250
Ductility, 77F., 5 cm/min., cm.	40	
Volubility in Trichloroethylene, %	97.5	

- (a) The test requirement for settlement may be waived when the emulsified asphalt is used in less than 5 days time, or the purchaser may require that the settlement test be run from the time the sample is received until it is used, if the elapsed time is less than 5 days
- (b) The 24-hour (1 day) storage stability test may be used instead of the 5 day settlement test.
- (c) The demulsibility test shall be made within 30 days from date of shipment
- (d) A harder base asphalt meeting current paving asphalt specifications may be specified with the provision that the test requirements on the Residue from Distillation be waived
- (e) Must meet a pH requirement of 6.7 maximum (AASHTO T 200 pH of Aqueous Solutions with the Glass Electrode) if the Particle Charge Test result is inconclusive.