

Cationic Bitumen (Asphalt) Emulsion CSS1

Property	Min	Max	Test Method
Test on Emulsions			
Viscosity, Saybolt Furol at 25 °C, SFS	20	100	ASTM D244
Viscosity, Saybolt Furol at 25 °C, SFS	-	-	ASTM D3143
Storage stability test, 24-h, %	-	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % dioctyl sodium sulfosuccinate, %	-	-	ASTM D6936
Coating ability and water resistance:			
Coating, dry aggregate	-	-	ASTM D244
Coating, after spraying	-	-	ASTM D244
Coating, wet aggregate	-	-	ASTM D244
Coating, after spraying	-	-	ASTM D244
Particle charge test	positive		ASTM D244
Sieve test, %	-	0.1	ASTM D6933
Cement mixing test, %	-	2.0	ASTM D6935
Distillation:			
Oil distillate, by volume of emulsion, %	-	-	ASTM D6997
Residue, %	57	-	ASTM D244
Tests on residue from distillation test:			
Penetration, 25°C (77°F), 100 g, 5 s	100	250	ASTM D5
Ductility, 25°C (77°F), 5 cm/min, cm	40	-	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042