

Specification of Bitumen (Asphalt) Emulsion CRS-1

Type: **Rapid-Setting**

Grade: **Cationic**

Standard: **ASTM D 2397M -13**

Property	Min	Max	Test Method
Test on Emulsions			
Viscosity, Saybolt Furol at 25 °C, SFS	20	100	ASTM D244
Storage stability test, 24-h, %	—	1	ASTM D6930
Demulsibility, 35 mL, 0.8 % dioctyl sodium sulfosuccinate, %	40	—	ASTM D6936
Coating ability and water resistance:			
Particle charge test	Positive		ASTM D244
Sieve test, %	—	0.1	ASTM D6933
Distillation:			
Oil distillate, by volume of emulsion, %	—	3	ASTM D6997
Residue, %	60	—	ASTM D244
Test on Residue from distillation test:			
Penetration 77°F (25°C) 100g,5s mm	100	250	ASTM D5
Ductility 77°F (25°C) 5cm/min cm	40	—	ASTM D113
Solubility in trichloroethylene %	97.5	—	ASTM D2042



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