

Emulsion Bitumen

Bitumen Emulsion that is categorized in various road construction industries .

Grades									
		CRS1		CRS2		CSS1		CMS2	
Test on Emulsions									
property	Testmethod	Max	Min	Max	Min	Max	Min	Max	Min
Viscosity, Saybolt Furol at 25 °C, SFS	ASTM D244	□		-	-	100	20	-	-
Viscosity, Saybolt Furol at 25 °C, SFS	ASTM D3143	□	□	100	400	-	-	40	450
Storage stability test, 24-h, %	ASTM D6930	20	100	-	1	1	-	-	1
Demulsibility, 35 mL, 0.8 % dioctyl sodium sulfosuccinate, %	ASTM D6936	□	1	40	-	-	-	-	-
Coating ability and water resistance									
Coating, dry aggregate	ASTM D244	□	□	-	-	-	-	good	-
Coating, after spraying	ASTM D244	□	□	-	-	-	-	Fair	-
Coating, wet aggregate	ASTM D244	□	□	-	-	-	-	Fair	-
Coating, after spraying	ASTM D244	□	□	-	-	-	-	Fair	-
Particle charge test	ASTM D244	positive		positive		positive		positive	
Sieve test, %	ASTMD6933	□	0.1	□	0.1	□	0.1	-	0.1
Cement mixing test, %	ASTMD6935	□	□	-	-	-	2.0	-	-
Tests on residue from distillation test									
Penetration, 25°C (77°F), 100 g, 5 s	ASTM D5	100	250	100	250	100	250	100	250
Ductility, 25°C (77°F), 5 cm/min, cm	ASTM D113	40	-	40	-	40	-	40	-
Solubility in trichloroethylene, %	ASTM D2042	97.5	-	97.5	-	97.5	-	97.5	-



Open top Drum



Shrunk Drums



Bitumen Tanker

