



Shell Spramul CRS2

Product Technical Data Sheet

Shell Spramul CRS2 is a cationic type of asphalt emulsions manufactured according to specifications of ASTM D2397 – “Standard Specifications for Cationic Emulsified Asphalt.”

Typical Properties

Property	Method	Min	Max
Test on emulsions:			
Viscosity, Saybolt Furol at 50°C (122°F) SFS	ASTM D 244	100	400
Storage stability test, 24-h, %	ASTM D 6930		1
Demulsibility, 35 mL, 0.8% dioctyl sodium sulfosuccinate, %	ASTM D 6936	40	–
Particle charge test	ASTM D 244	Positive	
Sieve test, %	ASTM D 6933		0.10
Distillation:	ASTM D 6997		
Oil distillate, by volume of emulsion, %			3
Residue, %		65	
Tests on residue from distillation test:	ASTM D 244		
Penetration, 25°C (77°F), 100 g, 5 s		100	250
Ductility, 25°C (77°F), 5 cm/min, cm		40	
Solubility in trichloroethylene, %		97.5	

Application

This product can be used as bituminous seal coat and as bituminous surface treatment that conforms to items 303 and 304 of Philippines Standard Specifications for Highways, Bridges and Airports.

Health and Safety

Shell Spramul CRS2 is unlikely to present significant health and safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

For further information, please contact:

<http://www.shell.com/bitumen>