



SOVEREIGN CHEMICAL COMPANY

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CRJ – 418 Resin

Manufacturer:	SI Group
Classification:	Thermoplastic octylphenol formaldehyde tackifying resin
Chemical Composition:	Octylphenol formaldehyde polymer

Specification Data

Specification Properties	Value	Test Method
Softening point	106 - 114°C	MA-076 Ring & Ball
Acid Number	24 - 42 mg KOH/g	MA-053
Typical Properties		
G H viscosity	2.5-5.0	MA-190(64 % in Toluene)
Ferric Chloride Test	Yellow (negative)	MA-003
Specific Gravity	1.005 ± 0.015	Typical
Methylol Content	1.0 maximum	Typical
Physical Form	Flakes	Visual
Color	Pale yellow to amber	Visual

Applications

Use: CRJ – 418 Resin can be used either as a stock additive to impart tack or as a component of an undertread or splice cement. In the former application it is used as at 3 – 8 phr level, and in the latter, at 5 – 10 phr level.

Solubility: CRJ – 418 has excellent solubility in aliphatic and aromatic hydrocarbons, chlorinated solvents and ketones. CRJ – Resin is oil soluble, compatible with various synthetic rubbers and is ideally suited for use in splice and under tread cements for tire construction.

Recommended Dosage: Use 2 to 8 phr in SBR, BR, NBR and CR. With EPM or EPDM, a level of 5 to 10 phr is recommended.

Packaging and Storage

Packaging: 25 Kg (55.1 Lb.) multiwall paper bags.

Shelf Life: 2 years from date of manufacture if stored as indicated below.

Storage: Store in cool, dry storage area in original packaging.

Specification Date: December 28, 2004