

CRJ-418

Description

CRJ-418 is a thermoplastic resin made from octylphenol and formaldehyde. It is typically used to increase tack in natural rubber and synthetic elastomers, including SBR, BR, IIR and IR. It is ideally suited for in splice and under-tread cements in tire construction.

General Product Data

Product Specifications:

Softening Point, B&R, (°C)	106-114
Viscosity, GH	2.5-5.0
Acid Number	25-42

Test Methods available upon request

Typical Properties:

Viscosity (64% in Toluene, @ 25 °C, G-H)	J-S
Specific Gravity	1.02
Physical Form	Flake

Solubility:

CRJ-418 is soluble in aromatic and chlorinated hydrocarbons, ketones, esters and higher alcohols

Application

CRJ-418 can be used as a stock additive to impart tack and used wherever tenacious bonds are necessary, especially with synthetic rubbers, which do not possess the inherent tack necessary for plied-up construction. In tire building, for example, plies, tread stock, and sidewalls must hold fast to the green tire until it is vulcanized or cured into an integral unit. For this application CRJ-418 is typically used at 3-8 phr level. Alternately, CRJ-418 may be used as a component of an under tread or splice cement. In this application it is typically used at 5-20 phr level.

Storage And Shelf Life

CRJ-418 should be stored where temperatures do not exceed 86 °F (30 °C) for long periods of time. For best results, it is recommended that this product be used within 1 year of manufacture date. As with all phenolic resins, CRJ-418 will become darker with age. Pallets should never be stored double stacked.

Note: Resins of this type are known to agglomerate or sinter during storage. This condition does not affect the performance of the resin in its normal application and is not considered justification for rejection or return.

Packaging

CRJ-418 is packaged in lined Kraft bags at 50 pounds net weight.

Safety And Regulatory Information

For a current Safety Data Sheet (SDS) or other regulatory information, contact SI Group, Inc. at productinfo@siigroup.com.