

Technical Data Sheet:

RICON[®] 130

RICON[®] 130 POLYBUTADIENE

DESCRIPTION

Ricon[®] 130 is a low molecular weight homopolymer of polybutadiene. The liquid polymer is suitable for use in peroxide and sulfur-cured elastomers where it acts as a non-extractable plasticizer. Ricon 130 contains 111 ppm of 3,6 di-tertiary-butyl-4-methylphenol (CAS# 128-37-0) as an antioxidant.

PRODUCT HIGHLIGHTS

Electrical insulation properties
Excellent hydrophobicity
Low T_g
Low viscosity liquid polymer
Plasticizing resin

PERFORMANCE PROPERTIES

Processing Aid

SUGGESTED APPLICATIONS

Electronics
Electronics, encapsulants
Non-extractable plasticizer (after curing)
Rubber & Plastics
Polymer modification

RICON[®] 130

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|----------------|
| Appearance | Viscous liquid |
| Brookfield Viscosity, cps @ 25 °C | 750 |
| Clarity | Clear |
| Density, g/cm ³ | 0.89 |
| 1,2 Vinyl Content, % | 28 |
| Gardner Color, | 1 |
| M _n | 2500 |
| Nonvolatile Material, wt. % min. | 98.5 |