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Technical Data Sheet:

Ricon[®] 152

RICON[®] 152 POLYBUTADIENE RESIN

DESCRIPTION

Ricon[®] 152 is a low molecular weight, liquid polybutadiene resin with moderately high vinyl functionality for high reactivity, exceptional hydrophobicity and excellent processing characteristics. It is compatible with saturated and unsaturated elastomers, especially olefinicbased elastomers and thermoplastic elastomers. Ricon 152 is a Type II coagent giving excellent crosslink densities without affecting the rate of cure. Ricon 152 is recommended in extrusions and moldings.

PRODUCT HIGHLIGHTS

Compatible with a wide variety of rubbers, olefins, and waxes Excellent hydrophobicity Improved crosslink density Improves processability Low Tg

PERFORMANCE PROPERTIES

Low compression set Processing aid

SUGGESTED APPLICATIONS

Adhesives Adhesives, pressure sensitive Elastomers Profiles, automotive **Rubber & Plastics** Rubber & Plastics, elastomers Rubber & Plastics, injection molding Rubber & Plastics, molded goods Rubber & Plastics, radiator hose Rubber & Plastics, rolls Polymer modification

Ricon[®] 152

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | Viscous liquid |
|-----------------------------------|----------------|
| Brookfield Viscosity, cps @ 45 °C | 20000 |
| Clarity | Clear |
| Density, g/cm ³ | 0.89 |
| 1,2 Vinyl Content, % | 80 |
| Gardner Color | 3 |
| M _n | 2900 |
| Nonvolatile Material, wt. % min. | 98.5 |

Note: Ricon[®] 152 contains 100 ppm of 2,6 di-tertiary-butyl-4methylphenol (CAS#128-37-0) as an antioxidant.

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