

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 olefinic-based 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

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| <p>Ricon® 152</p> <p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p> |
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| 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.