

## 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

#### Ricon® 152

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid
Brookfield Viscosity, cps @ 45 °C	20000
Clarity	Clear
Density, g/cm <sup>3</sup>	0.89
1,2 Vinyl Content, %	80
Gardner Color	3
M <sub>n</sub>	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.