
Technical Data Sheet: Ricon® 157

RICON® 157 POLYBUTADIENE

DESCRIPTION

Ricon® 157 is a low molecular weight, liquid polybutadiene resin with a moderately high vinyl functionality for good reactivity, exceptional hydrophobicity and excellent processing characteristics. It has a polymeric structure giving it excellent compatibility in saturated and unsaturated elastomers. Ricon 157 is a Type II, coagent giving good crosslink densities without affecting the rate of cure. Ricon 157 is recommended in extrusions and moldings where higher crosslink density is desired and processing may be a problem.

PRODUCT HIGHLIGHTS

Compatible with a wide variety of rubbers, olefins, and waxes
Electrical insulation properties
Excellent hydrophobicity
Good compression set, hardness & modulus
Plasticizing resin

PERFORMANCE PROPERTIES

Adhesion, plastics, fiber
Electrical insulative properties
Low compression set
Processing aid

SUGGESTED APPLICATIONS

Co-curable process aid in rubber compounds
Coatings
Rubber & Plastics
Rubber & Plastics, elastomers
Rubber & Plastics, molded goods
Polymer modification

Ricon® 157

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous liquid
Clarity	Clear
1,2 Vinyl Content, %	70
Gardner Color	3
M _n	1800
Nonvolatile Material, wt. % min.	97
Specific Gravity, g/cm ³	0.89
Viscosity, cps @ 25 °C	6000