

# CRAY VALLEY

## Technical Data Sheet

# Ricon® 134

## Low Vinyl Homopolymer of Butadiene

### DESCRIPTION

Ricon® 134 is a low molecular weight, liquid polybutadiene resin. This resin is suitable for use in peroxide- and sulfur-cured elastomers where it acts as a non-extractable plasticizer and process aid. Its polymeric structure gives excellent compatibility in saturated and unsaturated elastomers, especially olefinic-based elastomers and thermoplastic resins.

### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Non-extractable process aid  
Electrical insulator  
Excellent dielectric properties  
Excellent hydrophobicity  
Low temperature flexibility  
Abrasion resistance  
High tear strength

### SUGGESTED APPLICATIONS

Coatings  
Electronics  
Encapsulants  
Tire tread  
Rubber  
Flexographic printing plates  
Thermoplastic modification

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit
Molecular Weight (Mn)	10,000	g/mol
1,2 Vinyl Content	30	wt. %
Viscosity @ 25°C	18,000	cps
Tg	-67	°C
Specific Gravity @ 25°C	0.89	-

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