

# CRAY VALLEY

## Technical Data Sheet

# Ricon® 131 MA20

## Polybutadiene Adducted with Maleic Anhydride

### DESCRIPTION

Ricon® 131 MA20 is a low molecular weight, low vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 131 MA20 can act as a reactive compatibilizer in thermoplastics. The anhydride functionality can react with epoxy, amine, and hydroxyl groups, enabling the creation of unique adhesives, sealants, encapsulants, and coatings.

### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Excellent reactivity  
Compatibility with polar and non-polar materials  
Moisture resistance  
Low temperature tackifier  
Reactive toughener for epoxies  
Reactive compatibilizer for thermoplastics

Adhesion promoter

### SUGGESTED APPLICATIONS

Elastomers  
Coatings  
Electronics  
Encapsulants  
Sealants  
Compatibilizers

Adhesives

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit
Molecular Weight (Mn)	7,000	g/mol
1,2 Vinyl Content	20	wt. %
Viscosity @ 55°C	80,000	cps
Tg	-72	°C
Specific Gravity @ 25°C	0.91	-
MA (Groups/Chain)	11	-

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