

# CRAY VALLEY

Technical Data Sheet

## Ricon® 131 MA5

### Polybutadiene Adducted with Maleic Anhydride

#### DESCRIPTION

Ricon® 131 MA5 is a low molecular weight, low vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 131 MA5 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  
Adhesion promoter  
Compatibility with polar and non-polar materials  
Moisture resistance  
Reactive toughener for epoxies  
Reactive compatibilizer for thermoplastics

#### SUGGESTED APPLICATIONS

Elastomers  
Coatings  
Electronics  
Encapsulants  
Sealants  
Adhesives  
Compatibilizers

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit
Molecular Weight (Mn)	5500	g/mol
1,2 Vinyl Content	28	wt. %
Viscosity @ 25°C	7,800	cps
Tg	-74	°C
Specific Gravity @ 25°C	0.90	-
MA (Groups/Chain)	2	-

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