

# CRAY VALLEY

## Technical Data Sheet

# Ricon® 184 MA6

## Butadiene Styrene Copolymer Adducted with Maleic Anhydride

### DESCRIPTION

Ricon® 184 MA6 is a low molecular weight, low vinyl butadiene-styrene copolymer functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 184 MA6 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)	9,200	g/mol
1,2 Vinyl Content*	28	wt. %
Styrene Content	28	wt %
Viscosity @ 45°C	65,000	cps
Tg	-25	°C
Specific Gravity @ 25°C	0.89	-
MA (Groups/Chain) portion	*Butadiene 6	-

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