

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
Compatibility with polar and non-polar materials
Moisture resistance
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)	9,200	g/mol
1,2 Vinyl Content*	28	wt. %
Styrene Content	19	wt %
Viscosity @ 45°C	65,000	cps
Tg	-25	°C
Specific Gravity @ 25°C	0.89	-
MA (Groups/Chain portion)	6	-

*Butadiene



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