

Technical Data Sheet

Ricon® 131 MA10

Polybutadiene Adducted with Maleic Anhydride

DESCRIPTION:

Ricon® 131 MA10 is a low molecular weight, low vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 131 MA10 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	Test Method	Value	Unit
Molecular Weight (Mn)	QCS-651	5,000	g/mol
1,2 Vinyl Content	QCS-642	28	wt. %
Viscosity @ 25°C	QCS-630	48,000	cps
Tg	QCS-681	-74	°C
Specific Gravity @ 25°C	QCS-649	0.91	-
MA (Groups/Chain)	QCS-660	5	-

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