

Technical Data Sheet

Ricon® 131 MA17

Polybutadiene Adducted with Maleic Anhydride

DESCRIPTION:

Ricon® 131 MA17 is a low molecular weight, low vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 131 MA17 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: SUGGESTED APPLICATIONS:

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

Elastomers
Coatings
Electronics
Encapsulants
Sealants
Adhesives
Compatibilizers

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Property	Test Method	Value	Unit
Molecular Weight (Mn)	QCS-651	5,500	g/mol
1,2 Vinyl Content	QCS-642	28	wt. %
Viscosity @ 45°C	QCS-630	50,000	cps
Tg	QCS-681	-72	°C
Specific Gravity @ 25°C	QCS-649	0.90	-
MA (Groups/Chain)	QCS-660	9	-

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