

Technical Data Sheet

Ricon® 156 MA17

Polybutadiene Adducted with Maleic Anhydride

DESCRIPTION:

Ricon® 156 MA17 is a low molecular weight, high vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 156 MA17 can act as a reactive compatibilizer in thermoplastics. The anhydride functionality can react with epoxy, amine, and hydroxyl groups, while the vinyl functionality is peroxide curable, 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
Low temperature tackifier
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	2,500	g/mol
1,2 Vinyl Content	QCS-642	70	wt. %
Viscosity @ 55°C	QCS-630	140,000	cps
Tg	QCS-681	-18	°C
Specific Gravity @ 25°C	QCS-649	0.91	-
MA (Groups/Chain)	QCS-660	3	-

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