

Technical Data Sheet  
**Ricon® 130 CF MA13**

**Polybutadiene Adducted with Maleic Anhydride**

**DESCRIPTION:**

Ricon® 130 CF MA13 is a low molecular weight, low vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. Ricon® 130 CF MA13 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/Q 34.03 P019	3100	g/mol
1,2 Vinyl Content	QCS-642/Q 34.03 P040	28	wt. %
Viscosity @ 25°C	QCS-630/Q 34.03 P035	17,000	cps
Tg	QCS-681	-76	°C
Specific Gravity @ 25°C	QCS-649	0.90	-
MA (Groups/Chain)	QCS-660	4	-

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