

Technical Data Sheet Ricobond® 1756

Polybutadiene Adducted with Maleic Anhydride

DESCRIPTION:

Ricobond® 1756 is a low molecular weight, high vinyl butadiene functionalized with maleic anhydride, allowing enhanced adhesion of rubber compounds to metal and textiles. 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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