

# CRAY VALLEY

## 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  
Compatibility with polar and non-polar materials  
Moisture resistance  
Low temperature tackifier  
Reactive toughener for epoxies  
Reactive compatibilizer for thermoplastics

Adhesion promoter

### SUGGESTED APPLICATIONS

Elastomers  
Coatings  
Electronics  
Encapsulants  
Sealants  
Compatibilizers  
Adhesives

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit
Molecular Weight (Mn)	3000	g/mol
1,2 Vinyl Content	70	wt. %
Viscosity @ 55°C	110,000	cps
Tg	-25	°C
Specific Gravity @ 25°C	0.89	-
MA (Groups/Chain)	3	-



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