CRAY VALLEY

Technical Data Sheet

Ricobond® 1756 HS

Powdered Maleinized Polybutadiene Dispersion

DESCRIPTION

Ricobond® 1756 HS is a low molecular weight, high vinyl butadiene functionalized with maleic anhydride, then dispersed on amorphous silica for ease in handling. It provides 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

Free flowing powder
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	Value	Unit
Molecular Weight (Mn)*	3000	g/mol
1,2 Vinyl Content*	65	wt. %
Viscosity @ 55°C*	110,000	cps
Tg*	-25	°C
MA (Groups/Chain)*	3	-
Actives	70	%
Specific Gravity @ 25°C	1.3	-

*Resin properties

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