

CRAY VALLEY

Technical Data Sheet

Ricobond® 7004

Water-Based Functional Aliphatic Polymer

DESCRIPTION

Ricobond® 7004 is an aqueous dispersion of a maleic anhydride- functional, low molecular weight polybutadiene. The dispersion is stable and has low viscosity for ease in handling. When dried, the dispersed resin forms a hydrophobic film that is acid and base resistant. When applied to fabrics and textiles, it promotes excellent elastomer-to-textile adhesion.

PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Very low Tg
Stable water-based dispersion
Low viscosity
Good miscibility with most commercial emulsions
Excellent adhesion to most fibers and metals

SUGGESTED APPLICATIONS

Textile treatment
Filler surface modifier
Aqueous adhesives
Metal coatings
Sizing for reinforcing fibers and fabrics

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit
Appearance	Light Brown Liquid	Visual
Solids	30	%
pH	9,6	
Viscosity @ 25°C	500	cps
Salt Form	Ammonium	

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