

## 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	Test Method	Value	Unit
Appearance	Visual	Light Brown Liquid	-
Solids	QCS-601.3	30	%
pH	-	8.5	-
Viscosity @ 25°C	QCS-630	500	Cps
Salt Form	-	Ammonium	-

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