

TECHNICAL DATA SHEET

RHEOCOAT™ 1010

Thickener for curtain coating colors

TYPICAL CHARACTERISTICS

Nature	Acrylic copolymer in aqueous dispersion
Appearance	White liquid
Solid Content (%)	31
pH	4.5
Brookfield viscosity (mPa.s)	150
Specific gravity	1.06

DESCRIPTION

Rheocoat™ 1010 is a synthetic rheology modifier allowing a better control of the coating process and helping to get improved paper and board qualities. Rheocoat™ 1010 is a pure-neutralized emulsion, ready to use and easy to mix into the coating colors.

RECOMMENDED ADDITION LEVEL

0.1 to 0.5 parts d/d

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

HANDLING & STORAGE

The product can be irreversibly altered by frost. It should be protected from the effects of weathering and stored between 5 and 40°C and protected from direct sun exposure. Once opened, packaging should be resealed immediately after use. Film-forming product. Surface may dry in contact with air. Bulk deliveries should be stored in plastic or stainless steel tanks. Drums or containers should be closed after use to prevent from air drying and skin forming. Film-forming product. Surface may dry in contact with air. Bulk deliveries should be stored in plastic or stainless steel tanks. Drums or containers should be closed after use to prevent from air drying and skin forming. In these conditions, this product should be used within 6 months from delivery.

PROCESSING INSTRUCTIONS

Can be used at low machine speeds and coat weights with a low curtain flow rates. Shall be introduced at the end of the coating color preparation after the pigments and the binders and prior to the pH adjustment with a diluted caustic soda.

MARKETS

Pulp & Paper

- Board Coating
- Board Coating

KEY BENEFITS

- Precoat Yes
- Topcoat Yes
- Contribution to brookfield viscosity
- Contribution to high shear viscosity

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HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

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