

TECHNICAL DATA SHEET

RHEOCOAT™ 35

Rheology modifier for paper coating

TYPICAL CHARACTERISTICS

Nature	Acid, acrylic copolymer in aqueous dispersion
Appearance	Milky white liquid
Solid Content (%)	31
pH	3
Brookfield viscosity (mPa.s)	150
Specific gravity	1.06

DESCRIPTION

Rheocoat™ 35 is a synthetic rheology modifier allowing a better control of the coating process and an improved paper quality. Rheocoat™ 35 is a ready to use acidic emulsion of acrylic copolymer. Its composition and structure are designed to set the viscosities at low and high shear rates that conduct the coating colors behavior and blade loading during coating operations. A fine tune of water retention helps preventing from bleeding or misting while improving solids stability and coating holdout.

RECOMMENDED ADDITION LEVEL

0.2 to 0.6 parts d/d

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- 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

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

- Coating
 - Paper Coating
- Board Coating
 - Board Coating
 - Rigid Packaging Cardboard
- Paper Coating
 - Paper Coating
 - Thermal Paper

KEY BENEFITS

- Precoat Yes
- Topcoat Yes
- Contribution to high shear viscosity ●●●●●
- Water retention ●●●●●

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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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