RHEOCOAT™

TECHNICAL DATA SHEET

RHEOCOAT™ 27 C

Thickener and water retention agent for paper & board coating

TYPICAL CHARACTERISTICS

Nature	**Acrylic copolymer in aqueous dispersion**
Appearance	**Milky white liquid**
Solid Content (%)	**30**
pH	**5**
Brookfield viscosity (mPa.s)	**150**
Specific gravity	**1.07**

DESCRIPTION

Rheocoat™ 27 C helps to keep your process under control.Rheocoat™ 27 C is a synthetic rheology modifier allowing a better control of the coating process and an improved paper and board qualities. Rheocoat™ 27 C is a pre-neutralized emulsion, ready to use and easy to mix into the coating colors. Rheocoat™ 27 C provides an outstanding water retention with a moderate thickening effect.

RECOMMENDED ADDITION LEVEL

0.2 to 0.5 parts d/d

STANDARD PACKAGING

Other packaging may be available upon request
- 1000L IBC• Bulk

HANDLING & STORAGE

All pipes and tanks shall be in stainless steel or any corrosion resistant material. The product is a concentrated dispersion. To prevent the formation of a dried film it is strongly advised to avoid prolonged contact to air in the system, storage and valves. 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.
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.

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.

MARKETS

Pulp & Paper
- Coating
  - Paper Coating
- Board Coating
  - Board Coating
  - Rigid Packaging Cardboard
- Paper Coating
  - Paper Coating

KEY BENEFITS

• Precoat	Yes
• Topcoat	No
• Water retention	●●●●○
• Anti-clogging	●●●○○

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