

TECHNICAL DATA SHEET

RHEOCOAT™ 27

Thickener and water retention agent for paper & board coating

TYPICAL CHARACTERISTICS

Nature	Acrylic copolymer in aqueous dispersion
Appearance	Milky white liquid
Solid Content (%)	31
pH	5
Brookfield viscosity (mPa.s)	150
Specific gravity	1.07

DESCRIPTION

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

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.

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.

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
- Topcoat
- Water retention
- Anti-clogging

Yes
No



Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80