

# RHEOCARB™ 121

Steric rheology modifier for paper coating

## TYPICAL CHARACTERISTICS

Nature	<b>Acrylic copolymer in aqueous solution</b>
Appearance	<b>White to pale yellow liquid</b>
Solid Content (%)	<b>24</b>
pH	<b>6</b>
Brookfield viscosity (mPa.s)	<b>800</b>
Specific gravity	<b>1.04</b>

## DESCRIPTION

Rheocarb™ 121 maintains particles (pigments and latex) dispersion with full gloss potential and strong thickening power. It provides a good water retention and is a strong OBA carrier. It allows the reduction of drying and calendering costs and of coating colors costs (use of cost efficient pigments, binders and other additives). Use in top coats made of slightly coarser pigments and lower solids content and film press coating in place of starch and in order to reduce elasticity and the risks of misting.

## 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 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. In these conditions, this product should be used within 6 months from delivery.

## PROCESSING INSTRUCTIONS

Slightly acidic Rheocarb™ 121 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.

## MARKET

### Pulp & Paper

- Board Coating
  - Board Coating
- Paper Coating
  - Paper Coating

## KEY BENEFITS

- **Precoat**
- **Topcoat**
- **Anti-clogging**
- **Water retention**

No  
Yes

