

## TECHNICAL DATA SHEET

# RHEOCARB™ 101

Steric rheology modifier for paper coating

### TYPICAL CHARACTERISTICS

Nature	<b>Acrylic copolymer in aqueous solution</b>
Appearance	<b>Colorless to pale yellow liquid</b>
Solid Content (%)	<b>25</b>
pH	<b>6</b>
Brookfield viscosity (mPa.s)	<b>475</b>
Specific gravity	<b>1.04</b>

### DESCRIPTION

Rheocarb™ 101 maintains particles (pigments and latex) state of dispersion with full gloss potential. It provides a good water retention even at low viscosity level 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 with medium to high solids content and film press coating in place of starch and in order to reduce elasticity and the risks of misting.

### RECOMMENDED ADDITION LEVEL

0.2 to 0.5 parts d/d

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

### HANDLING & STORAGE

The product can be 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

Even if it is weakly ionic we advise to introduce it at the end of coating color preparation after the pigments and the binders.

### 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
- Anti-clogging
- Water retention

No  
Yes



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