

TECHNICAL DATA SHEET

RHEOTECH™ 102 BR

Acrylic associative thickener for water-based systems

HASE Acrylic Thickener

TYPICAL CHARACTERISTICS

Nature	Aqueous dispersion of an acrylic copolymer
Appearance	Low viscous white milky liquid
Solid Content (%)	25
Active Content (%)	25
pH	3
Specific gravity	1.04
Solvent	Water

DESCRIPTION

Rheotech™ 102 BR is a liquid premium rheology modifier designed to provide maximum high-shear viscosity for improved film build. Rheotech™ 102 BR is used in interior and exterior waterborne coating formulations. Rheotech™ 102 BR suits for low VOC formulations when the use of solvents for viscosity suppression is limited. Rheotech™ 102 BR develops association with other formulation components; it is used to provide enhanced viscosity and stability in medium and high PVC paints.

RECOMMENDED ADDITION LEVEL

Typical addition level is between 0.2 to 1.5 % as supplied on total formulation weight.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 200L Drum
- Bulk

HANDLING & STORAGE

It 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.

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

PROCESSING INSTRUCTIONS

Supplied as a low viscosity liquid emulsion, it is very easy to handle. No predissolution, elimination of lumps or warming required.

MARKETS

Composites & Advanced Materials

- Graphic Arts

Coatings & Inks

- Architectural Coating
- Industrial Coating
- Textile & Leather Coating

Adhesives & Sealants

- Pressure Sensitive Adhesives

KEY BENEFITS

FORMULATION

- Color acceptance
- Cost in use
- Easy handling



STORAGE

- Syneresis resistance
- Antisettling
- In-can appearance
- Viscosity stability



APPLICATION

- Dilution resistance
- Film build
- Spatter resistance



FILM PROPERTIES

- Rub out
- Hiding power/Opacity
- Stain resistance



THICKENING MECHANISM

- Associative
- Non Associative
- Self Association



VISCOSITY CONTRIBUTION

- High Shear contribution
- Low Shear contribution
- Mid Shear contribution



PVC

- PVC Low
- PVC Mid
- PVC High



RHEOTECH™ 102 BR

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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