

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.

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

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

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

- **Hiding power/Opacity**
- **Rub out**
- **Stain resistance**



THICKENING MECHANISM

Associative



VISCOSITY CONTRIBUTION

High Shear contribution



Low Shear contribution



PVC

PVC Low
PVC Mid
PVC High

