

# 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 immediatly 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

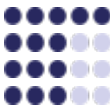
### FORMULATION

- 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

