

## TECHNICAL DATA SHEET

# POLYPHOBE® 102

Acrylic associative thickener for water-based systems

## HASE Acrylic Thickener

### TYPICAL CHARACTERISTICS

Nature	<b>Acrylic copolymer in aqueous dispersion</b>
Appearance	<b>Low viscous white milky liquid</b>
Solid Content (%)	<b>25</b>
Active Content (%)	<b>25</b>
pH	<b>3</b>
Specific gravity	<b>1.04</b>
Solvent	<b>Water</b>

### DESCRIPTION

Polyphobe® 102 is a liquid premium rheology modifier designed to provide maximum high-shear viscosity for improved film build. Polyphobe® 102 is used in interior and exterior waterborne coatings formulations.

### STANDARD PACKAGING

Other packaging may be available upon request  
• 1000L IBC • 220L Plastic Drum

### 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.

### 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

#### Composites & Advanced Materials

- Graphic Arts

#### Coatings & Inks

- Architectural Coating
- Industrial Coating
- Textile & Leather Coating

### KEY BENEFITS

#### FORMULATION

- Color acceptance
- Cost in use
- Easy handling



#### STORAGE

- Syneresis resistance
- In-can appearance
- Viscosity stability



#### APPLICATION

- Dilution resistance
- Film build
- Spatter resistance



#### FILM PROPERTIES

- Rub out
- Hiding power/Opacity
- Stain resistance



#### SAFER SOLUTIONS

- Heavy Metal Free\*
- Solvent Free\*

\* Not intentionally added but not specifically measured (not part of product specification)

### THICKENING MECHANISM

- Associative
- Non Associative
- Self Association



### VISCOSITY CONTRIBUTION

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



# POLYPHOBE® 102

## PVC

PVC Low  
PVC Mid  
PVC High



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