

# 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.

### 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**
- **In-can appearance**
- **Viscosity stability**



#### APPLICATION

- **Dilution resistance**
- **Film build**
- **Spatter resistance**



#### FILM PROPERTIES

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



- **Bacteria resistance**
- **Heavy metal free**
- **Solvent-free**

**Yes**  
**Yes**  
**Yes**

### THICKENING MECHANISM

Associative



### VISCOSITY CONTRIBUTION

High Shear contribution  
Low Shear contribution



### PVC

PVC Low  
PVC Mid  
PVC High

