

## TECHNICAL DATA SHEET

# POLYPHOBE® TR-118

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>40</b>
Active Content (%)	<b>40</b>
pH	<b>3</b>
Specific gravity	<b>1.08</b>
Solvent	<b>Water</b>

### DESCRIPTION

Polyphobe® TR-118 is a liquid premium rheology modifier 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. This product can be irreversibly altered by frost. 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

- Brushability
- Dilution resistance
- Film build



#### FILM PROPERTIES

- Rub out
- Stain resistance
- Hiding power/Opacity



#### 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® TR-118

## PVC

PVC Low  
PVC Mid  
PVC High



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