

POLYPHOBE® TR-116

Acrylic associative thickener for water-based systems

HASE Acrylic Thickener

TYPICAL CHARACTERISTICS

Nature	Acrylic copolymer in aqueous dispersion
Appearance	Low viscous white milky liquid
Solid Content (%)	39
Active Content (%)	39
pH	3
Specific gravity	1.08
Solvent	Water

DESCRIPTION

Polyphobe® TR-116 is a liquid high-efficiency rheology modifier for imparting premium rheology in architectural and industrial waterborne coatings. Polyphobe® TR-116 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**
- **Antisettling**
- **Viscosity stability**



APPLICATION

- **Brushability**
- **Dilution resistance**
- **Film build**



FILM PROPERTIES

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



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

Yes
Yes
Yes

THICKENING MECHANISM

Associative
Non Associative
Self Association



VISCOSITY CONTRIBUTION

Mid Shear contribution
High Shear contribution
Low Shear contribution



PVC

PVC High
PVC Mid

