

TECHNICAL DATA SHEET

POLYPHOBE® 106HE

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 (%)	25
Active Content (%)	25
pH	3
Specific gravity	1.04
Solvent	Water

DESCRIPTION

Polyphobe® 106HE is a liquid premium rheology modifier designed to provide sag control and suspension. Polyphobe® 106HE 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

Building & Construction

- Construction Materials

KEY BENEFITS

FORMULATION

- Cost in use
- Easy handling
- Color acceptance



STORAGE

- Antisettling
- In-can appearance
- Syneresis resistance



APPLICATION

- Brushability
- Rollability
- Sag resistance



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

Non Associative
Self Association
Associative



VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution
High Shear contribution



POLYPHOBE® 106HE

PVC

PVC Low
PVC Mid
PVC High



Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80