

TECHNICAL DATA SHEET

RHEOTECH™ 4800

Acrylic associative thickener for water-based systems

HASE Acrylic Thickener



25% Bio Carbon Content (only for EMEA supply)
-22% Carbon Footprint Reduction (only for EMEA supply)

TYPICAL CHARACTERISTICS

Nature	Aqueous dispersion of an acrylic copolymer
Appearance	Low viscous white milky liquid
Solid Content (%)	30
Active Content (%)	30
pH	3
Specific gravity	1.06
Solvent	Water
Total Bio content (%)	25

DESCRIPTION

Rheotech™ 4800 is an associative acrylic thickener providing a pseudoplastic rheology profile. Rheotech™ 4800 provides your formulations high values viscosities at low shear together with a valuable appearance. Rheotech™ 4800 is part of the Rheotech™ x800 new thickener range

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 200L Drum
- Bulk

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. 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

Coatings & Inks

- Architectural Coating
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION

- Color acceptance
- Cost in use
- Compatibility



STORAGE

- In-can appearance
- Syneresis resistance
- Antisettling
- Viscosity stability



APPLICATION

- Brushability
- Rollability
- Sag resistance



FILM PROPERTIES

- Rub out
- Hiding power/Opacity
- Gloss



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*
- LiCl Free*
- MIT Free*
- Solvent Free*

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

- Total Bio content (%) **25**

RHEOTECH™ 4800

THICKENING MECHANISM

Non Associative
Self Association
Associative



VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution
High Shear contribution



PVC

PVC Low
PVC Mid
PVC High



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