COAPUR™

TECHNICAL DATA SHEET

COAPUR™ 5535

Solvent-free liquid polyurethane thickener

HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

Nature	**Water soluble non ionic polyurethane**
Appearance	**Viscous whitish liquid**
Solid Content (%)	**35**
Active Content (%)	**25**
pH	**7**
Brookfield viscosity (mPa.s)	**12000**
Specific gravity	**1.04**
Solvent	**Water**

DESCRIPTION

Coapur™ 5535 is a solvent - and emission-free associative non ionic thickener designed to provide a high thickening effectiveness in water-borne coatings based on the most recent solvent-free binders (e.g. terpolymers). Coapur™ 5535 use is therefore very cost-effective in matt and semi-gloss dispersion paints, where properties such as in-can structure, brushability and film build are needed.

STANDARD PACKAGING

Other packaging may be available upon request
- 1000L IBC• 220L Drum

HANDLING & STORAGE

It should be protected from the effects of weatheing and stored between 5 and 40°C and sheltered from direct sun exposure.
Once opened, packaging should be resealed immediatly after use.
To be easily pumpable, Coapur™ 5535 should be used about 25°C.
In these conditions, this product should be used within 12 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

Adhesives & Sealants
- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION
- Ready to use
- Cost in use
- Post addition

STORAGE
- Antisettling
- In-can appearence
- Syneresis resistance
- Viscosity stability

APPLICATION
- Film build
- Sag resistance
- Spatter resistance

FILM PROPERTIES
- Water resistance
- Transparency
- Anticorrosion

SAFER SOLUTIONS
- APEO Free*
- Heavy Metal Free*
- Solvent Free*

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

THICKENING MECHANISM

Associative
Non Associative
Self Association

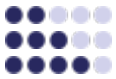
COAPUR™ 5535

VISCOSITY CONTRIBUTION

Low Shear contribution
Mid Shear contribution
High Shear contribution

PVC

PVC Low
PVC Mid
PVC High



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