

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.

MARKET

Coatings & Inks

- Architectural Coating
- Graphic Arts
- 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 appearance**
- **Syneresis resistance**
- **Viscosity stability**



APPLICATION

- **Film build**
- **Sag resistance**
- **Spatter resistance**



FILM PROPERTIES

- **Water resistance**
- **Anticorrosion**
- **Chemical resistance**





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

THICKENING MECHANISM

Associative 
Non Associative 
Self Association 

VISCOSITY CONTRIBUTION

Low Shear contribution 
Mid Shear contribution 

PVC

PVC High 
PVC Mid 