COAPUR™ 3320

Solvent free liquid polyurethane thickener

HEUR Polyurethane Thickener

TYPICAL CHARACTERISTICS

Nature	**Water soluble non ionic polyurethane**
Appearance	**Viscous whitish liquid**
Solid Content (%)	**20**
Active Content (%)	**17.50**
pH	**7**
Brookfield viscosity (mPa.s)	**4500**
Specific gravity	**1.03**
Solvent	**Water**

DESCRIPTION

Coapur™ 3320 is a non-ionic, associative and solvent free rheology modifier providing a Newtonian behavior to water-borne systems. Coapur™ 3320 allows to adjust selectively high shear viscosities with a high efficiency and thus ensures excellent film build, spatter resistance and levelling together with flexibility of use.

RECOMMENDED ADDITION LEVEL

It typical dosage is between 0.3 and 2.5% (as delivered on total formulation weight). It should be added at levels between 0.3 and 1.5% depending on the rheological profile of the co-thickener, when used in combinaison, or between 0.5 abd 2.5% when used as sole thickener.

STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum

HANDLING & STORAGE

It should be protected from the effects of weathering and stored between 5 and 40°C and sheltered from direct sun expose.
Once opened, packaging should be resealed immediatly after use.
To be easily pumpable, it should be used at about 20°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
- Traffic Paint

Adhesives & Sealants
- Assembly
- Other Adhesives
- Pressure Sensitive Adhesives

KEY BENEFITS

FORMULATION
- **Post addition**
- **Ready to use**
- **Color acceptance**

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

APPLICATION
- **Film build**
- **Spatter resistance**
- **Brushability**

FILM PROPERTIES
- **Anticorrosion**
- **Levelling**
- **Rub out**

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

THICKENING MECHANISM

Associative

VISCOSITY CONTRIBUTION

High Shear contribution
Low Shear contribution
Mid Shear contribution

PVC

PVC Mid
PVC High
PVC Low