



# YOUNG'S CORPORATION

242-8 YANGJAE-DONG, SEOCHO-GU, SEOUL, 137-132, KOREA

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## ADDITEX 1002

Rheology modifier for aqueous coatings

ADDITEX 10002 is the polyether type of associative thickener, which is efficient for emulsion paint as well as for aqueous coatings. It offers advantages of excellent flow and leveling properties. It is a zero-VOC type and eco-friendly thickener.

### Properties

Appearance	Viscous clearness or weak muddiness liquid
Active content	45%
pH	5.9 ( 2% solution in water )
Ion	non-ionic
Brookfield Viscosity	5,000 mPa.s( at 25 °C )
Dispersability	dispersion in water

### Advantageous

- It is a newtonian rheology modifier for aqueous coatings, especially efficient for emulsion paint.
- It enhances leveling of paint but it doesn't give bad affection on the gloss of dry film.
- It is effective to put in the time during stage of grinding
- It is used almost odorless solvent

### Dosage

- The dosage depends on system used. Normally it lies between 0.1~1.0% on paint by solid on solid basis.
- It 1002 is usually recommended to use itself without dilution or pre-dilution with 2~3 times water

### Use

- Emulsion and waterborne paint
- Waterborne ink, · Emulsion adhesive

### Packing

CAN	20 kg
DRUM	200 kg
CNTR	1000 kg



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## ADDITEX 1000

### Rheology Modifier for Water Based Paints

ADDITEX 1000 is the polyether type of associative thickener , which is efficient for emulsion paint as well as for aqueous coatings. It offers advantages of excellent flow and leveling properties.

#### Properties

Appearance Cloudy, gray liquid

Active content 10%

pH 5.7 ( 2% solution in water )

Ion non-ionic

Brookfield Viscosity 12,000 mPa.s( at 25 °C )

Dispersability dispersion in water

#### Advantageous

- It is newtonian rheology modifier for aqueous coatings, especially efficient for emulsion paint.
- It enhances leveling of paint but it doesn't give bad affection on the gloss of dry film.
- Blending with the thixotropic thickening agent in coating systems can be used to achieve a desired rheological profile.
- It can incorporated at any stage of grinding or let down process.
- It is the ZERO VOC TYPE of thickener .

#### Dosage

- The dosage depends on system used. Normally it lies between 0.1~1.0% on paint by solid on solid basis.
- It is usually recommended to use itself without dilution with water, but to use in pre-dilution with 2~3 times water can be applicable.

#### Use

Emulsion and waterborne paint

Waterborne ink

Other aqueous coatings

#### Packing

CAN 20kg

DRUM 200kg



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## ADDITEX 1622

Rheology modifier for aqueous coatings

ADDITEX 1622 is associative thickener of polyether type, which is efficient for emulsion paint as well as for aqueous coatings. It offers advantages of excellent flow and leveling properties.

### Properties

Appearance Viscous white liquid

Active content 20%

pH 5.9 ( 2% solution in water )

Ion non-ionic

Brookfield Viscosity 1,400 mPa.s( at 25 °C )

4,500mPa.s( at 5 °C )

Dispersibility : dispersion in water

Density 1.03( at 25 °C )

### Advantageous

- It is newtonian rheology modifier for aqueous coatings, especially efficient for emulsion paint.
- It enhances leveling of paint but it doesn't give bad affection on the gloss of dry film.
- Blending with the thixotropic thickening agent in coating systems can be used to achieve a desired rheological profile.
- It can be incorporated at any stage of grinding or let down process.

### Dosage

- The dosage depends on system used. Normally it lies between 0.1~1.0% on paint by solid on solid basis.
- It is usually recommended to use itself without dilution with water, but to use in pre-dilution with 2~3 times water can be applicable.

### Use

Emulsion and waterborne paint

Waterborne ink

Other aqueous coatings

### Packing

CAN 18kg

DRUM 160kg



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## ADDITEX 1500

Rheology modifier for aqueous coatings

ADDITEX 1500 is the polyether type of associative thickener, which is efficient for emulsion paint as well as for aqueous coatings. It offers advantages of excellent flow and leveling properties.

### Properties

Appearance	Cloudy, gray liquid
Active content	20%
pH	5.9 ( 2% solution in water )
Ion	non-ionic
Brookfield Viscosity	4000 mPa.s( at 25°C )
Dispersibility	dispersion in water

### Advantageous

- It is newtonian rheology modifier for aqueous coatings, especially efficient for emulsion paint.
- It enhances leveling of paint but it doesn't give bad affection on the gloss of dry film.
- Blending with the thixotropic thickening agent in coating systems can be used to achieve a desired rheological profile.
- It can be incorporated at any stage of grinding or let down process.
- It is **the ZERO VOC TYPE of thickener.**

### Dosage

- The dosage depends on system used. Normally it lies between 0.1~1.0% on paint by solid on solid basis.
- COEXEL-TH 1500 is usually recommended to use itself without dilution with water, but to use in pre-dilution with 2~3 times water can be applicable.

### Use

Emulsion and waterborne paint

Waterborne ink, Other aqueous coatings

### Packing

CAN 20kg

DRUM 180kg



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## ADDITEX 1007

Rheology modifier for aqueous coatings

ADDITEX 1007 is the polyether type of associative thickener, which is efficient for emulsion paint as well as for aqueous coatings. It offers advantages of excellent flow and leveling properties.

### Properties

Appearance	Viscous clearness or weak muddiness liquid
Active content	20%
pH	5.9 ( 2% solution in water )
Ion	non-ionic
Brookfield Viscosity	2,000 mPa.s( at 25°C )
Dispersibility	dispersion in water
Density	1.03( at 25°C )

### Advantageous

- It is a newtonian rheology modifier for aqueous coatings.
- It enhances leveling of paint but it doesn't give bad affection on the gloss of dry film.
- It is effective to put in the time during stage of grinding

### Dosage

- The dosage depends on system used. it lies between 0.1~1.0% on paint by solid on solid basis.
- It is recommended to use itself without dilution or pre-dilution with 2~3 times water

**Use :** · Emulsion and waterborne paint, Waterborne ink · Emulsion adhesive

### Packing

CAN : 20 Kg, DRUM : 200 Kg