



YOUNG'S CORPORATION

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

TEL: 82-2-555-1040 FAX: 82-2-2057-0399

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ADDITEX 6006

Rheology Modifier for Water Based Paints

ADDITEX 6909 is an alkali swellable acrylic type rheology modifier(ASE). It improves rheology of water-based paints, long-term viscosity stability and workability.

Typical Properties

Appearance Milky White liquid

pH 2.0-4.0

Solid Con. 30%

Viscosity : 100 cps

Dispersibility : Dispersible in water

Specific Gravity : 1.06

Characteristics

Very high thickening effect

Showing butter-like rheology

Easily mixed with paint, putty, and vanishes. (just stirring over 20 minutes only)

Application

Thickener for paint / putty

Substitute for Hydroxy ethyl cellulose

Thickener for acrylic varnish

A recommended dosage is 0.1~0.8%(solid to solid) for paint or emulsion.

Cautions

Shows thickening effect in alkaline condition (pH : 8 -11)

Shows thickening effect in acrylic resin systems (Not polyvinyl acetate type or PVA)

For exact adjusting the viscosity or prevent of shocking, it must be diluted with water(1/1 - 1/3) before adding.

Package

Drum Net 200 Kgs



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ADDITEX 6909

Rheology Modifier for Water Based Paints

ADDITEX 6909 is an alkali swellable acrylic type rheology modifier(HASE). It improves rheology of water-based paints, long-term viscosity stability and workability.

Typical Properties

Appearance Milky White liquid

pH 3.0-5.0

Solid Con. 30%

Viscosity : 100 cps

Dispersibility : Dispersible in water

Specific Gravity : 1.06

Characteristics

High thickening effect with small quantity of dosage.

Showing butter-like rheology

Easily mixed with paint, putty. (just stirring over 20 minutes only:1000-200rpm)

Application

Thickener for paint / putty

Excellent for High pigmentated compositons.

Thickener for Texture coating(mixture of binder and sands)

A recommended dosage is 0.1~0.8%(solid to solid) for paint or emulsion.

Cautions

Shows thickening effect in **alkaline condition** (pH : 8 –11)

Shows thickening effect in acrylic resin systems (Not for polyvinyl acetate:PVAc or PVA).

For exact adjusting the viscosity or prevent of shocking, it must be diluted with water(1/1 – 1/3) before adding.

Package

Drum Net 200 Kgs



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ADDITEX 6641

Rheology Modifier for Water Based Paints

ADDITEX 6641 is an alkali swellable acrylic type rheology modifier. It controls and improves rheology of water-based paints, and enables to improve long-term viscosity stability and coatings of water-based paints and physical properties of dried paint coatings.

Typical properties

Appearance White liquid

Composition Ammonium Polycarboxylate

Ionic Property Anionic

Solid Content(%) 30

pH 3

Viscosity 10cps (@ 25 °C)

Specific Gravity 1.05 (@ 20 °C)

Advantages

- It can be added directly to water-based paints under good agitation without neutralization and/or dilution because it is a low viscosity emulsion and easily neutralized with alkali in water-based paints.
- It causes only a little affect to the solid water-based paints by addition.
- It provides strongly thickening effect to water-based paints and enables substitution for HEC and/or MC.
- It causes little affect to gloss and water resistance of dried paint coatings in comparison with HEC and/or MC.
- It is stable from bacteria and fungi attack, because of its chemical nature different from the material of the nature.

Application

It varies in the purpose and the use, and it is a standard dosage is 0.1~0.8 mass % per paints and emulsions.

It is neutralized by alkali such as ammonia, AMP, NaOH and so on.

Before adding it, alkali should be added to paints and emulsions to control target pH(pH7-10).

It should be added to paints under continuous mixing.

Water-based emulsion paints

Emulsion type adhesives

Water-based paints

Package

Can Net 18kg



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ADDITEX 6400

Rheology Modifier for Water Based Paints

ADDITEX 6400 is an alkali swellable acrylic type rheology modifier. It improves rheology of water-based paints, long-term viscosity stability and workability.

Typical Properties

Appearance White liquid

pH 4.0

Solid Con. 30%

Viscosity 9 (mPa.S 25°C)

Dispersibility Dispersible in water

Ionic Anionic

Characteristics

- ADDITEX 6400 is low-viscosity and emulsion product. It increases viscosity and shows high thixotropy. And it can be used without neutralization and solution process.
- It's strong for decay compare to natural material.
- It can be replacement for HEC and MC.
- It makes no trouble for surface gross and water resistance.
- It shows good leveling performance under high pigment concentration.

Applicaton

- A recommended dosage is 0.1~0.8%(solid to solid) for paint or emulsion.
- Please set paint or emulsion pH7~10 with Ammonia, AMP and Sodium hydroxide for better performance.

Handling precautions

- Local ventilation is recommended.
- Wear protective eyeglasses, protective glove, or goggles on handling.
- In case of contacts with skin, wash thoroughly with soap.
- In case of contacts with eye, wash thoroughly with plenty of water immediately and get medical aid.
- In case of ingestion, get medical aid as soon as possible.
- Wash your hands with soap thoroughly and gargle after handling.
- Keep away from fire, heat or any other possible source of ignition on handling and storage.

Additional handling information is contained in the material safety data sheet which is available on request.

Package

Can Net 16 Kgs

Drum Net 160 Kgs



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ADDITEX 6306

Rheology Modifier for Water Based Paints

ADDITEX 6306 is an alkali swellable acrylic type rheology modifier(HASE). It improves rheology of water-based paints, long-term viscosity stability and workability.

Typical Properties

Appearance Milky White liquid

pH 2.0-4.0

Solid Con. 25%

Viscosity : 100 cps

Dispersibility : Dispersible in water

Specific Gravity : 1.06

Characteristics

High thickening effect with Good Appearance and rheology.

Showing Honey-like rheology

Easily mixed with paint, putty. (just stirring over 20 minutes only)

Application

· A recommended dosage is 0.1~0.8%(solid to solid) for paint or emulsion.

Cautions

Shows thickening effect in alkaline condition (pH : 8 -11)

Shows thickening effect in acrylic resin systems (Not polyvinyl acetate type or PVA).

For exact adjusting the viscosity or prevent of shocking, it must be diluted with water(1/1 - 1/3) before adding.

Package

Drum Net 200 Kgs