

COEXEL TH-6820

Viscoelastic Control Agent

COEXEL TH-6820 is a urethane-associative thickener applied to emulsion paints to enhance thickening and improve the leveling properties of the paint. In addition to improving leveling, it provides viscosity even under high shear conditions. Notably, it contains no solvents, making it suitable for Zero VOC paints.

TYPICAL PROPERTIES (not standard)

Appearance	turbid liquid
an active ingredient	20 %
pH	5.3 (1% aq)
Viscosity(BM)	2,500 mPa.s (25℃)
specific gravity	1.03

Characteristic

- This product imparts viscoelasticity close to that of Newtonian fluids, such as emulsion paints.
- It provides excellent color acceptance in paints and has minimal sensitivity to temperature changes.
- When used in combination with thixotropic thickeners, it enables control over paint viscosity and pattern formation.
- It enhances the leveling properties of the paint without reducing the gloss of the coating film.
- It can be incorporated in both the mill-base process and let-down process.
- It contains no solvents, making it ideal for Zero VOC paints.

Purpose

- Emulsion and Water-based Paints (Zero VOC Paints)
- Emulsion-based Adhesives and Thickener
- Water-based Inks
- Paper
- Textiles

SANNOPCO KOREA LTD.

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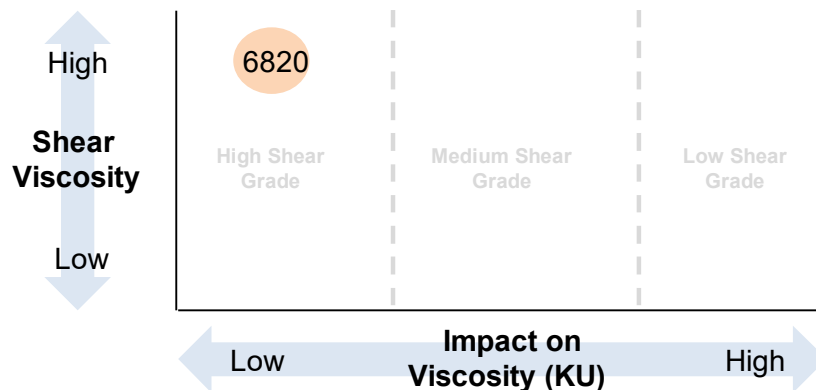
EUMSEONG PLANT

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Rheological Properties



How to use it

The standard addition level of COEXEL TH-6820 is 0.1 -1.0% based on the solid content of the paint.

Handling precautions

- Handle in a well-ventilated place.
- Avoid contact with strong oxidizing agents.
- Wear protective equipment such as safety goggles, gloves, and a mask when handling.
- Wash hands thoroughly after handling and rinse your mouth with water.
- If contact with skin occurs, wash immediately with soap or a skin cleanser.
- If it gets into the eyes, rinse thoroughly with clean water and seek medical advice.
- If ingested, rinse your mouth with warm water and seek medical attention.

Applicable laws and regulations

"Please read the Material Safety Data (MSDS) of this product before using it."
Article 25 of the Waste Management Act (Republic of Korea)

Wrapping

- CAN 20kg
- DRUM 200Kg
- CNTR 1000Kg

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