

Waterborne Rheological Additive

GENERAL INFORMATION

DeuRheo WT-108F is a nonionic synthetic associative thickener (NISAT) for aqueous applications to increase medium shear viscosity and provide good flowing. It is designed to be free of Tin, APEO and organic solvents.

PHYSICAL PROPERTIES

Composition	polyether polyurethane
Appearance	Milky white to milky yellow viscous liquid
Non-volatile content	49.5 - 53.5 %
Solvent	water
Specific gravity	ca 1.04
Dynamic viscosity	3000 - 8000 cP (25°C)

APPLICATIONS

- Latex paints
- Adhesives
- Textile printings
- Inks
- Waterborne paints
- Leather finishes

KEY PROPERTIES

- To increase medium shear viscosity and improve flow and leveling.
- Less influence on gloss and water resistance.
- To reduce roller spatter, brush marks.
- Thickening behavior is not affected by pH value.
- Excellent resistance to bacterial degradation.

INCORPORATION

- DeuRheo WT-108F can be used as supplied or, if necessary, further diluted with water.
- DeuRheo WT-108F can be combined with other associative rheological additives to obtain demand rheology.

LEVELS OF USE

- 0.1 - 2.0 % based on total formulation.
- It is recommended to test according to system composition and the rheology required.

HANDLING AND SAFETY

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage.

MSDS can be found on the company website at www.elementis-specialties-asia.com.

STORAGE RECOMMENDATIONS

- Stored between 4°C to 40°C.
- In the event of accidental freezing, thaw gently, spread a portion between glass slides and examine for granules. If found, do not use.

PACKAGING

Net Weight: 25 / 200 kg

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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SHELF LIFE

DeuRheo WT-108F has a shelf life of 18 months from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

Elementis Specialties

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