

DeuRheo WT-108F

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.

CHEMICAL & 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	5000 -10000 cP (25 °C)

These are typical properties not to be used for specification purposes.

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.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

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.

SHELF LIFE

DeuRheo WT-108F has a shelf life of 2(two) years from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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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V01 Jul. 2022

North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563