

DeuRheo WT-202

Waterborne Rheological Additive

GENERAL INFORMATION

DeuRheo WT-202 is a waterborne associative thickener. It provides high viscosity at high shear rate with good flow and leveling.

CHEMICAL & PHYSICAL PROPERTIES

Composition	non-ionic polyurethane compound
Appearance	white to slight yellow slight hazy liquid
Non-volatile content	48 - 52 %
Solvent	diethylene glycol monobutyl ether / water
Specific gravity	ca. 1.06
Dynamic viscosity	≤ 4000 cP (25 °C)

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

APPLICATIONS

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

KEY PROPERTIES

- To provide high viscosity at high shear rate.
- Good flowing and leveling.
- Better scrub resistance.
- Thickening behaviour is not affected by pH value.
- Excellent resistance to bacterial degradation.

INCORPORATION

A combination with other rheology modifier can improve flow and leveling.

Can be added directly when properly mixed.

For easier use, pre-diluted with water or co-solvent at 4/1 ratio is recommended.

LEVELS OF USE

0.1 - 2.0 % based on total formulation.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

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

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 20 °C to 40 °C.

When below 20 °C the appearance may become gel or seeding, please heat (water bath) to clear then stir to uniform.

SHELF LIFE

DeuRheo WT-202 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.

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.

© Copyright 2018, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

© Trademark of Elementis Specialties, Inc.

V01 Feb. 2018

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