

DELO-ML® 5298

Anaerobic adhesive, removable

Use

- sealing: sealing of surfaces, flanges and screw pipe connections
- screw connections: screw pipe connections
- the cured product is normally used in a temperature range of -60 °C to +150 °C; depending on the application, other limits may be more reasonable
- compliant with RoHS directive 2011/65/EU

Base

- methacrylic ester
- one-component, solvent-free

Curing

- anaerobic, i. e., by exclusion of air and under metal influence
- at room temperature

Properties

- high-viscous, run-resistant setting
- removal from large sealing areas is difficult
- high viscous setting allows bridging of larger gaps
- reduced curing times with activator DELO-QUICK
- excellent curing even on highly passivated surfaces by activating the surfaces with DELO-QUICK
- specific low strength, removable

Processing

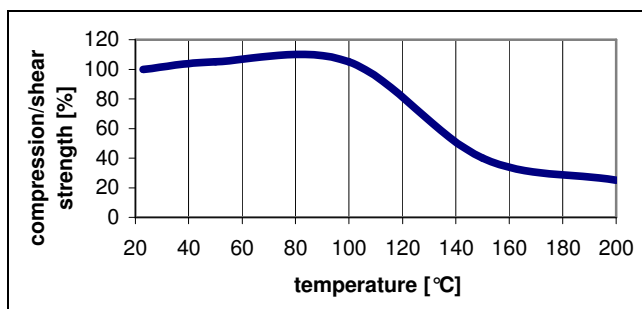
- the surfaces to be bonded must be dry as well as free of dust, grease and other contaminations
- DELOTHEN cleaners are recommended for the optimal preparation of bonding areas
- thread connections must be tightened well
- the adhesive is good to dispense from original containers or by means of dispensing systems suitable for anaerobic-curing adhesives

Technical data

Color	blue
Maximal clearance [mm]	<0,3
optimum clearance [mm]	0.1
Thread size	all threads
Density [g/cm ³] at room temperature (approx. 23 °C)	1.1

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<i>Viscosity [mPas]</i>	pasty
<i>Curing time until firmness to touch [min]</i> at room temperature (approx. 23 °C), anaerobic on zinc-phosphated screws	10 - 15
<i>Curing time until firmness to touch [min]</i> at room temperature (approx. 23 °C), with DELO-QUICK 5002 (accelerator for DELO-ML) on V2A screws	5
<i>Curing time until final strength [h]</i> at room temperature (approx. 23 °C), anaerobic on zinc-phosphated screws	24
<i>Off-torque without Mon [Nm]</i>	14
<i>Off-torque with Mon 46 Nm [Nm]</i> ISO 10964, screw M10/8.8	50
<i>Compression shear strength [MPa]</i> according to ISO 10123	15
<i>Compression shear strength after 1 h [MPa]</i> according to ISO 10123	12
<i>Compression shear strength</i> according to ISO 10123, temperature-dependent	



Chemical resistance	very good
Storage life In unopened original container up to 200 ml at room temperature (0-25 °C)	12 months

Instructions and advice

General

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behavior of the product under practical conditions and its suitability for a specific purpose cannot be concluded from this.

Many product properties are subject to temperature and may change permanently, especially at high temperatures.

It is the user's responsibility to test the suitability of the product for the intended purpose and temperature range of use by considering all specific requirements. Type and physical and chemical properties of the materials to be processed with the product, as well as all actual influences occurring during transport, storage, processing and use, may cause deviations in the behavior of the product compared to its behavior under laboratory conditions. All data provided are typical average values or uniquely determined parameters measured under laboratory conditions.

The data and information provided are, therefore, no guarantee for specific product properties or the suitability of the product for a specific purpose. Verbal ancillary agreements are deemed not to exist.

Instructions for use

The instructions for use of DELO-ML are available on: www.DELO.de. We will be pleased to send them to you on demand.

Occupational health and safety

see material safety data sheet

Specification

The properties in *italics* are part of the specification. Ranges with clear limits are defined for them and others, where applicable. In the course of the QA test, each batch is tested for these properties and the maintenance of the limits is ensured. The measuring methods used can deviate from those specified in the data sheet. Details can be found in the QA test report.