



Kisling AG

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TECHNICAL DATA SHEET ergo.® 1470

Anaerobic locking and retaining adhesive, high strength

Description

Very low viscous product, which locks bolts and nuts as well as it bonds bearings in bushes and wheels on axles. Due to the special flowing behaviour and the excellent capillarity of **ergo.® 1470** it may also be used together with the accelerator **ergo.® 1471** to fix coils on ferrite rods (inductors).

Physical properties of the liquid product

| | | |
|---|-------------------------------|---------------------------------|
| Chemical base | methacrylic ester | |
| Colour | green, fluorescent at 365nm | |
| Viscosity* at 25°C based largely on DIN EN ISO 2555 | 50 – 60 mPa•s | Brookfield RVT, Sp.1, 100 U/min |
| Density at 25°C | 1,04 – 1,08 g/cm ³ | |
| Max. thread diameter | M 12 | |
| Flashpoint | > 90°C | |
| Initial strength | 5 - 10 minutes | on M10x20 bolts, Znph |
| Functional time | 30 - 40 minutes | depending on the metal |
| Final strength | 3 - 6 hours | depending on the metal |
| Shelf life | 1 year, if stored below +28°C | |

Physical properties of the cured product

| | | |
|---|------------------------|--------------|
| Loose-break torque on M10 bolts 8.8, Znph | > 35 Nm | DIN EN 15865 |
| shear-strength on steel pins and collars | > 28 N/mm ² | DIN EN 15337 |
| Thermal range | - 60°C up to +180°C | |

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.