



TECHNICAL DATA SHEET ergo.® 4460

Retaining Compound, temperature resistant

Description

Very heat resistant product, which retains cylindrical joints with excellent resistance against temperature and acids, alkalines and water. **Complies with the guide formulation of the German Federal Environment Agency, published 2016, February 11th, for use in contact with drinking water.**

Attention: If used as sealant against water, please observe and follow the special handling instructions for pipe-sealants.

Physical Properties (liquid product)

Chemical Base:	Diester of Methacrylic Acid
Colour:	green
Viscosity acc. to Brookfield RVT at 25°C Spindle , 20 rpm	10.000 – 16.000 mPas
Density at 25°C:	1.10 g/cm ³
Max. thread diameter:	M 36
Max. gap filling:	0.20 mm
Flash point:	> 90°C
Shelf life:	1 year at ≤ 25°C

Physical Properties (cured product)

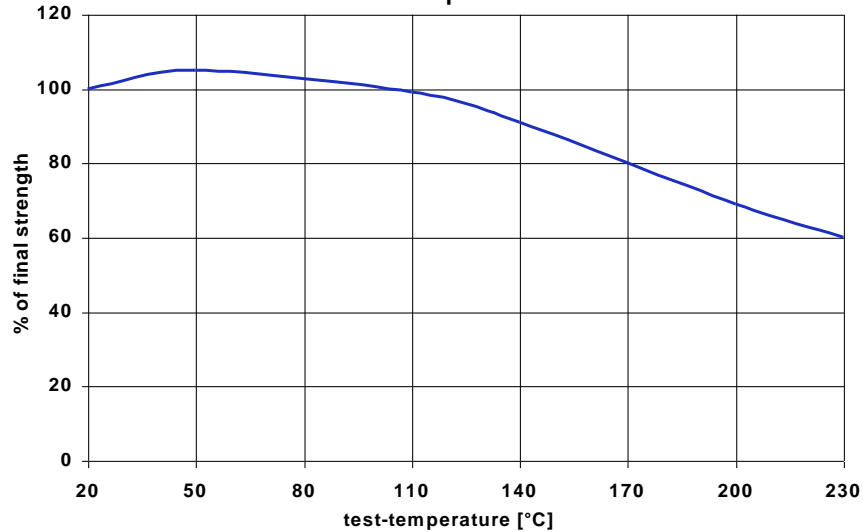
Measured on M10 x 20 bolt - grade 8.8 black phosphatized - nut 0.8d (no on-torque)

Initial strength after:	30 - 40 minutes	
Functional strength after:	1 - 3 hours	
Final strength after:	12 - 24 hours	
Loose-break torque:	> 25 Nm	DIN 54454
Prevailing torque:	> 25 Nm	DIN 54454
Shear strength:	> 25 N/mm ²	DIN 54452
Thermal range:	- 55°C up to +200°C	



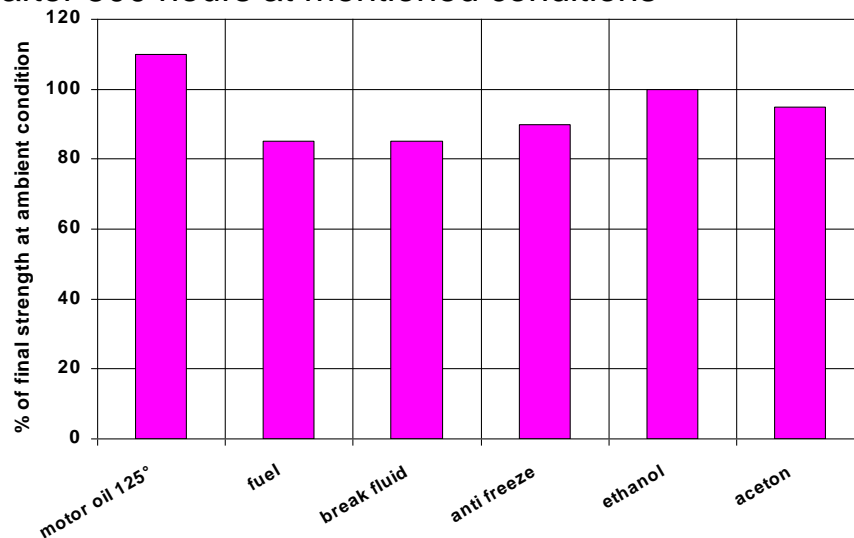
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Shear Strength acc. to DIN 54452
after 24 hours at room-temperature



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Shear Strength acc. to DIN 54452
after 500 hours at mentioned conditions



WARRANTY INFORMATION - PLEASE READ CAREFULLY

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