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TECHNICAL DATA SHEET ergo 4452

Retaining Compound, temperature resistant

Description

Slow curing product for cylindrical press-fits or bonded hot-shrink-fits.
Also suitable as sealant for threaded parts

Physical Properties (liquid product)

Chemical Base:	Diester of Methacrylic Acid	
Colour:	green/ fluorescent	
Viscosity:	300 – 700 mPas	25°C Brookfield RVT spindle/ rpm 2/ 20
Density:	1.10 g/cm ³	25°C
Max. thread diameter:	M 20	
Max. gap filling:	0.15 mm	
Flash point:	> 100°C	
Shelf life:	1 year at room temperature	

Physical Properties (cured product)

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

Initial strength after:	1 - 2 hours	
Functional strength after:	12 - 24 hours	
Final strength after:	20 - 24 hours	
Loose-break torque:	> 20 Nm	DIN 54454
Prevailing torque:	> 30 Nm	
Shear strength:	> 25 N/mm ²	DIN 54452
Thermal range:	- 55°C up to +175°C	

WARRANTY INFORMATION - PLEASE READ CAREFULLY

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