



TECHNICAL DATA SHEET ergo 5200

METAL

Description

This extremely low viscous product, which is based on methyl-cyanoacrylate, is primarily used for bonding of smooth and tight fitting (gap <0,05mm) metal parts. It exhibits high bond strength combined with fast curing properties.

Ideally suited for bonding or penetrating of pre-assembled parts, e.g. metal screens on metallic frames.

Locks also calibration or set screws against vibration.

Physical Properties (liquid product)

Chemical Base:	α -Cyanoacrylicacidmethylester
Colour:	clear to slightly hazy, colourless liquid
Viscosity:	1 - 10 mPas at 25°C
Density:	1.06 g/cm ³ DIN 51757
Flashpoint:	> 85°C DIN 55213
Shelf Life:	12 month at room temperature

Fixture Time on :

Aluminium / Aluminium:	< 20 seconds
ABS / ABS - plastic	< 5 seconds
Final strength:	24 hours

Physical Properties (cured film)

Tensile Shear Strength on:		
Steel / steel:	> 18 N/mm ²	DIN EN 1465
Thermal Range:	-50°C up to +80°C	
Melting point:	165°C	

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