



TECHNICAL DATA SHEET ergo 5880

FLEXIBLE, BLACK

Description

Black cyanoacrylate adhesive, which has been developed for all applications under thermal and/ or climatic conditions. The product shows excellent resistance against dynamic loads like impacts or vibrations. Due to its short-term temperature resistance up to +140°C, it is also suitable for SMD technique, where later soldering bath is requested. The black colour allows the use in loudspeaker applications, too.

Physical Properties (liquid product)

Chemical Base:	Cyanoacrylicacid-ethylester
Colour:	black
Viscosity: Brookfield - RVT, 25 °C, Spindle 3, @ 100 U/min Cone-plate-system, 25°C Shear rate 1000s ⁻¹	300 – 500 mPas 80 – 180 mPas
Density:	1.06 g/cm ³ DIN 51757
Flashpoint:	87°C DIN 55213
Shelf Life:	9 month at room temperature

Fixture Time on :

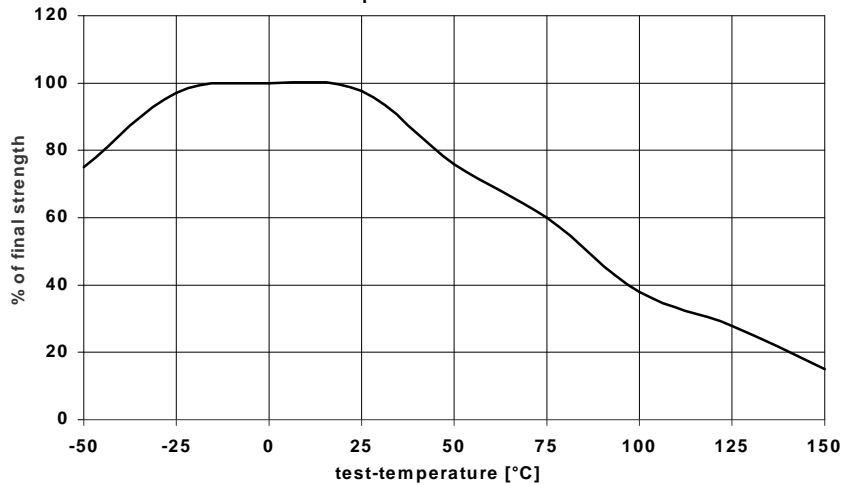
Aluminium / Aluminium:	25 - 45 seconds
NBR / NBR	< 25 seconds
Neoprene / Neoprene	< 25 seconds
Final strength:	24 hours

Physical Properties (cured film)

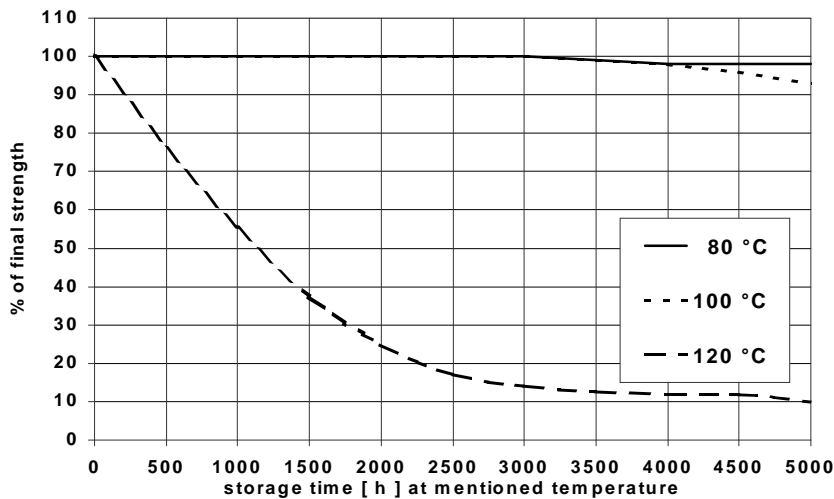
Tensile Shear Strength on:	
Steel / Steel	> 20 N/mm ² DIN EN 1465
Shore D hardness	65 – 75
Elongation	> 8 %
Thermal Range:	- 55°C up to +120°C
Melting point:	+ 165 °C



ergo 5880 tensile shear strength acc. to. DIN EN 1465 after 24 hours at test-temperature



ergo 5880 long term temperature resistance tensile shear strength (DIN EN 1465), measured at 22°C



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