

TDS - Technical Data Sheet Extreme 1.0

Profile:

Universal product, with good ageing properties on plastics and elastomers.

Physical Properties:

Monomer Cyanoacrylate (fluid)

▪ Monomer Base		Ethylester
▪ Appearance		colorless clear
▪ Viscosity at 20 °C	mPa·s:	5 - 10
▪ Density at 20 °C	g/cm ³ :	1,06
▪ Flashpoint	°C:	85
▪ Shelf life at 20° c in unopened containers in	months	12

Setting Time on ...

▪ Metal (steel)	sec:	30 - 50
▪ Elastomer (EPDM) in	sec:	3 - 8
▪ Plastic (ABS) in	sec:	2 - 4
▪ Wood (beech) in	sec:	> 50

Polymer Cyanoacrylate (solid)

▪ Tensile strength on rubber (NBR) in	N/cm ² :	# 83 - 100
▪ Shear strength on steel in	N/mm ² :	10 - 22
▪ Temperature range in	°C:	-55 / + 95

= Material failure n.r. = not recommended

The data mentioned in this TDS, particularly the recommendations for application and use of products are based on our recent knowledge and experience. Due to the fact of having so many different materials involved and conditions of applications which are out of our influence, we strongly recommend to do sufficient tests in order to guarantee that HG- products are suitable for the intended process and applications. Except for wilful acts any liability based on such recommendations or any verbal advice is hereby expressly excluded.