

### Description

Medium to high viscosity, medium setting speed, instant adhesive based on ethyl cyanoacrylate. Designed for bonding of plastic, rubber, metal, ceramic.

### Physical properties

Composition :	ethyl cyanoacrylate
Colour :	clear/colourless
Viscosity (+25°C - mPa s) :	350 - 450
Specific weight (g/ml) :	1,10
Gap to fill :	10 - 150 microns
Flash point :	see MSDS
Temperature range :	-50°C/+80°C
Shelf life :	12 months in original unopened packaging

### Curing properties

Curing rate depends on the substrate used, on the gap, on the temperature and on the environmental humidity.

<u>Substrate</u>	<u>Fixture Time (seconds)</u>
Plastics	
* PVC :	3 - 10
* Phenolic Resin :	5 - 20
* ABS :	10 - 30
Metals	
* Steel :	10 - 30
* Aluminium :	5 - 15
* Zinc :	30 - 90

### Various substrates

*Neoprene/NBR :	< 5
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### Proprieties of cured material (typical)

Tensile strength ISO 6922 (N/mm <sup>2</sup> ) :	15 - 23
Shear strength ISO 4587 (N/mm <sup>2</sup> ) :	13 - 20
Softening range :	+160°C/+170°C
Refraction index n <sup>20D</sup> :	similar to glass
Electrical resistivity DIN 53482 (Ω mm) :	>10 <sup>15</sup>
Dielectric strength ASTM D 950 (kV/mm) :	25
Dielectric constant DIN 53483 (1MHz) :	5,2

### Directions for use

Clean and degrease parts to bond with Loxeal Cleaner 10. Excess of product either cured or not can be removed with Loxeal CA Remover.

### Storage

We recommend to store product in a cool and dry place at temperature non exceeding +20°C. For better and enhanced shelf life, keep product in a refrigerator at +2°C/+7°C. To avoid contaminations do not refill containers with used product. For more information on applications, storage and handling contact Loxeal Technical Service

### Safety and handling

Consult the Safety Data Sheet before use.

### Note

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