

Technical Data Sheet

LOXEAL INSTANT ADHESIVE 34

Description

Super fast instant adhesive on basis of ethyl cyanoacrylate.

Low viscosity, designed for fast bonding of EPDM, foam rubber; difficult to bond rubber, soft/plastic.

Physical properties

Composition :	ethyl cyanoacrylate
Colour :	clear/colourless
Viscosity (+25°C - mPa s) :	10 - 30
Specific weight (g/ml) :	1,10
Gap to fill :	10 - 100 microns
Flash point :	see MSDS
Shelf life :	12 months in original unopened packaging
Temperature range	-50°C/+80°C

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 :	2 - 10
* Phenolic Resin :	5 - 15
* ABS :	2 - 10
Metals	
* Steel :	15 - 30
* Aluminium :	2 - 10
* Zinc :	30 - 90

Various substrates

*Neoprene/NBR :	< 5
* Foam Rubber :	2 - 5
* EPDM :	< 5

Proprieties of cured material (typical)

Tensile strength ISO 6922 (N/mm ²) :	12 - 25
Shear strength ISO 4587 (N/mm ²) :	13 - 18
Softening range :	+160°C/+170°C
Electrical resistivity DIN 53482 (Ω mm) :	>10 ¹⁵
Dielectric strength ASTM D149 (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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