



Technical Data Sheet

Feb. 10, 2020

INSTANT GLUE PLASTIC

Description:

Low Viscosity and fast cure even under low humidity conditions. Designed for bonding **Hard/Soft plastics and rubber**, metal, ceramic, glass, ...

Physical properties:

Composition	Ethyl Cyanoacrylate
Viscosity (25°C -cps)	80-120
Temperature range	-50°C – 100 °C

Fixture Time:

Polycarbonate	5-9 seconds
PVC	3-5 seconds
ABS	3-5 seconds
NBR	3-5 seconds
Neoprene	3-5 seconds
Steel	3-5 seconds
Aluminum	3-5 seconds

Properties of cured material (typical) for 24 hours @ 22 °C:

Tensile strength ISO 6922 1750-3625 psi

Softening range +160°C / +170 °C

Lap shear strength ISO 4587 per table below:

Steel	2850 psi
Aluminum	1850 psi
ABS	1050 psi
PVC	1500 psi
Nitrile	165 psi
Neoprene	155 psi

Directions:

Clean and degrease parts to bond.

Apply the glue to one part and fix two parts quickly.

Spread acceptable pressure to ensure the glue increase into a thin film.

Do not re-adjust until tolerable strength is accomplished.

Storage: Product must be kept in a cool and dry room at 10°C to 20°C.

Shelf life: 1 year in unopened packaging at +5°C / +27°C.

Safety and handling: Consult Material Safety Data Sheet (MSDS) before use.

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