



C-BOND

BLACK

DESCRIPTION

Medium/Thick viscosity (400–600 cps) black cyanoacrylate glue designed for bonding of plastic, rubber, metal and wood. Its slower fixture time allows adjustment of parts during assembly. Ideal for spalted wood and burl. Filling knots, voids, and hiding imperfections.

PHYSICAL PROPERTIES

Composition	Ethyl Cyanoacrylate
Viscosity (25°C -cps)	400–600 cps
Gap to fill (Microns)	10–200 Microns
Temperature range (°C)	-50°C to +80°C
Color	Black

FIXTURE TIME

PVC	15–20 seconds
ABS	15–25 seconds
Steel	20–50 seconds
Zinc	40–100 seconds
Aluminum	10–30 seconds
NBR	<5 seconds

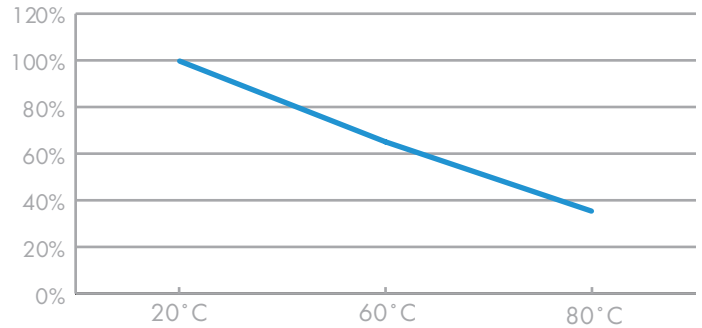
PROPERTIES OF CURED MATERIAL (TYPICAL) FOR 24 HOURS AT 22°C

Tensile strength (ISO 6922):	18–25 (N/mm ²)
Lap shear strength (ISO 4587):	13–18 (N/mm ²)



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MECHANICAL STRENGTH OF PRODUCT (%) VS TEMPERATURE SPECIMEN STEEL (°C)



CHEMICAL RESISTANCE

SUBSTANCE	TEMPERATURE	AFTER 100H	AFTER 1000H
Motor Oil	40°C	EX	EX
Alcohol	25°C	EX	EX
Gasoline	25°C	EX	EX
Relative Humidity 90%	40°C	Discrete	Low

DIRECTIONS FOR USE

- 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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