



# C-BOND

## MEDIUM

### DESCRIPTION

Medium viscosity (250–350 cps) cyanoacrylate glue designed for bonding of plastic, rubber, metal and wood. Its slower fixture time allows adjustment of parts during assembly.

### PHYSICAL PROPERTIES

Composition	Ethyl Cyanoacrylate
Viscosity (25°C -cps)	250–350 cps
Gap to fill (Microns)	10–200 Microns
Temperature range (°C)	-50°C to +80°C

### 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

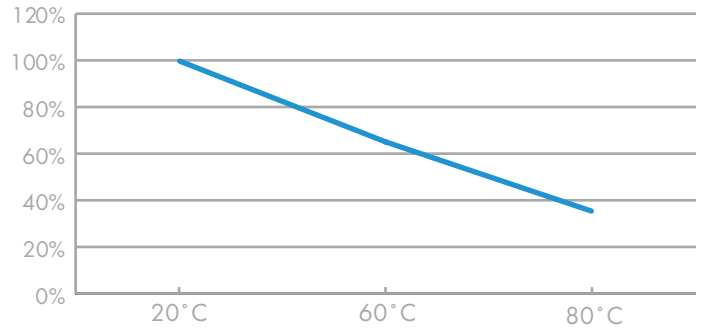
### PROPERTIES OF CURED MATERIAL (TYPICAL) FOR 24 HOURS AT 22°C

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



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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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