

Description

This is designed for bonding plastics and elastomeric materials where a very fast fixture is required.

Applications

This bonds metals, plastics, wood, ceramics, rubber, leather, card, glass and many other materials.

Liquid Properties	
Ester base	Ethyl cyanoacrylate
Appearance	Clear liquid
Specific Gravity 25°C	1.043g/cm ³
Shelf life	12 months unopened
Viscosity Brookfield - S p 1 @20rpm @25°C	25 - 35 cps

Storage

Bondloc cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 2°C and 10°C with a maximum storage temperature of 25°C. Avoid exposure to strong light and heat sources. Refrigeration can prolong shelf life.

Temperature Resistance

Tested on mild steel cured for 24 hours, conditioned to test temperature for 1 hour before pull-test.

Enviro-Chemical Resistance

Exposed to conditions for 1000 hours at 22°C except for 98% RH which had an exposure of 42°C.

Cured Performance

Cured Speed

Defined as the time taken to develop a strength of 0.1N/mm² at 22°C and 50% relative humidity.

Balsa	<2 seconds
Nitrile	<5 seconds
Neoprene	<5 seconds
EPDM	<5 seconds
Steel (degreased)	20-40 seconds
Polycarbonate	10-20 seconds
ABS	<5 seconds

Shear Strength	
Steel	15-25 N/mm ²
Aluminum	7-10 N/mm ²
Nitrile Rubber	5-10 N/mm ²
Polycarbonate	5-10 N/mm ²
ABS	6-10 N/mm ²

Tensile Strength	
Nitrile Rubber	5-15 N/mm ²
Neoprene	5-15 N/mm ²
EPDM	2-6 N/mm ²

Part Number Table

Description	Part Number
Cyanoacrylate Adhesive, Rubber & Plastic, 20ml	MP-CA46-20

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