

CA-TRON BLACK

RUBBER TOUGHENED CYANOACRYLATE ADHESIVE

● PRODUCT DESCRIPTION

Adhetron CA-TRON Rubber Toughened Instant Adhesive formulated with a unique elastomer filler which maximizes impact, vibration, and peel resistance while providing tough flexible bonds. CA-tron BLACK is ideally suited for bonding flexible substrates and dissimilar materials.

● CURING PROPERTIES

Reaching strength of 01. N/mm ² @ 22°C wt 50% RH.	
EPDM	<20 sec.
Neoprene	<20 sec.
Nitrile Rubber	<15 sec.
Wood	<25 sec.
ABS	<20-30 sec.
Polycarbonate	<30-40 sec.
Steel	<50-70 sec.
Aluminum	<20 sec.

● UNCURED PROPERTIES

Base	Ethyl Cyanoacrylate
Appearance	Black Liquid
Specific Gravity (25°C)	1.06 g/cm ³
Viscosity (25°C)	3000 – 4000 mPa-s

● CURED PROPERTIES

Tensile Strength According to ASTM D412 [B].	
EPDM	2-6 N/mm ²
Neoprene	5-15 N/mm ²
Nitrile Rubber	5-15 N/mm ²
Lap Shear Strength According to ISO 4587.	
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

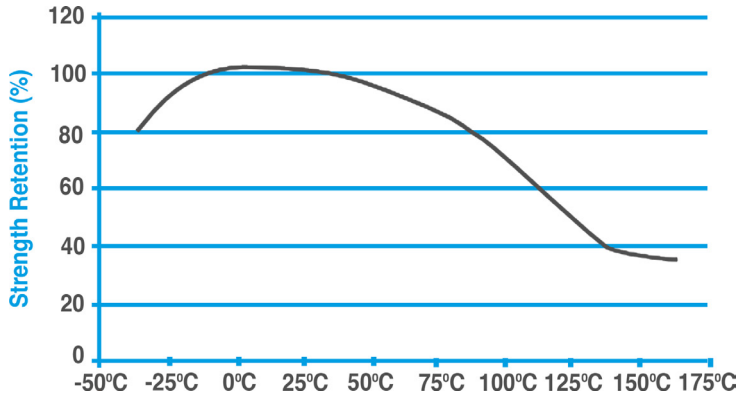


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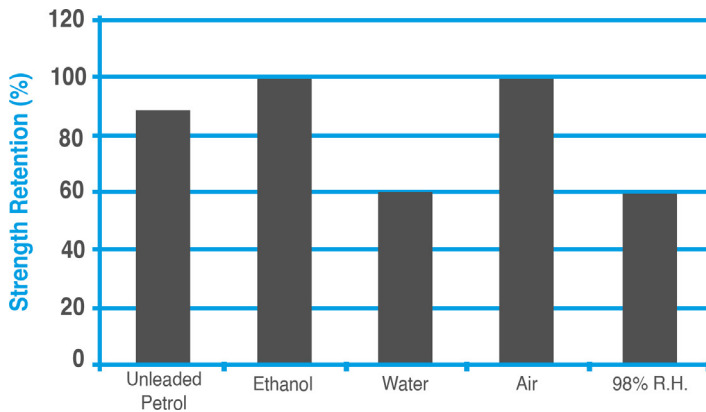
● TEMPERATURE RESISTANCE

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



● ENVIRO-CHEMICAL RESISTANCE

Exposed to conditions for 1,000 hours at 22°C except for 98% RH that had an exposure of 42°C.



● STORAGE AND SHELF LIFE

Recommended storage temperature is 4°C. Products should be stored in cool, dry place out of direct sunlight.

Shelf life is 12 months

