

**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 <sup>2</sup> @ 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 <sup>3</sup>
Viscosity (25°C)	3000 – 4000 mPa-s

● **CURED PROPERTIES**

Tensile Strength According to ASTM D412 [B].	
EPDM	2-6 N/mm <sup>2</sup>
Neoprene	5-15 N/mm <sup>2</sup>
Nitrile Rubber	5-15 N/mm <sup>2</sup>
Lap Shear Strength According to ISO 4587.	
Steel	15-25 N/mm <sup>2</sup>
Aluminum	7-10 N/mm <sup>2</sup>
Nitrile Rubber	5-10 N/mm <sup>2</sup>
Polycarbonate	5-10 N/mm <sup>2</sup>
ABS	6-10 N/mm <sup>2</sup>

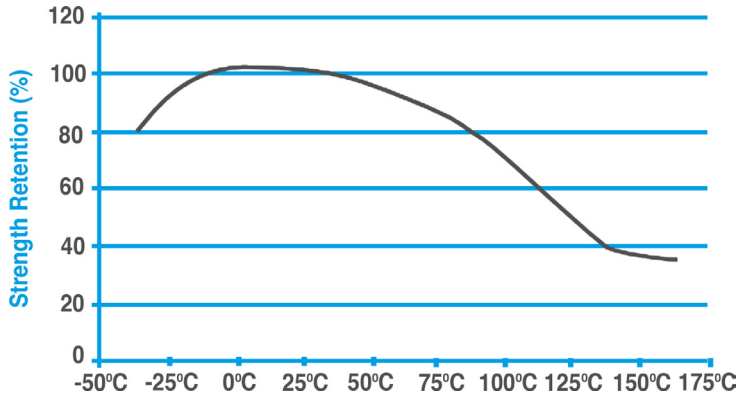


## CA-TRON BLACK

## RUBBER TOUGHENED CYANOACRYLATE ADHESIVE

### ● 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.

