ADHETRON®
Masterpiece of Adhesives

TECHNICAL DATA SHEET

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/mm² @ 22⁰C 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 (25⁰C)	1.06 g/cm²
Viscosity (25⁰C)	3000 – 4000 mPa-s

CURED PROPERTIES

Tensile Strength According to ASTM D412 [B].	
EPDM	2-6 N/mm²
Neoprene	5-15 N/mm²
Nitrile Rubber	5-15 N/mm²
Lap Shear Strength According to ISO 4587.	
Steel	15-25 N/mm²
Aluminum	7-10 N/mm²
Nitrile Rubber	5-10 N/mm²
Polycarbonate	5-10 N/mm²
ABS	6-10 N/mm²

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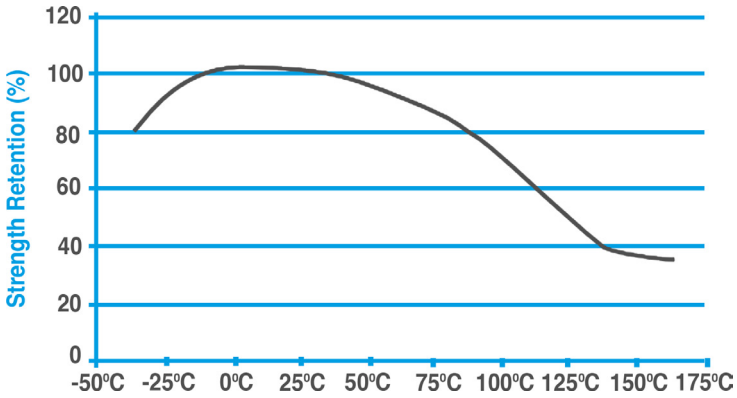
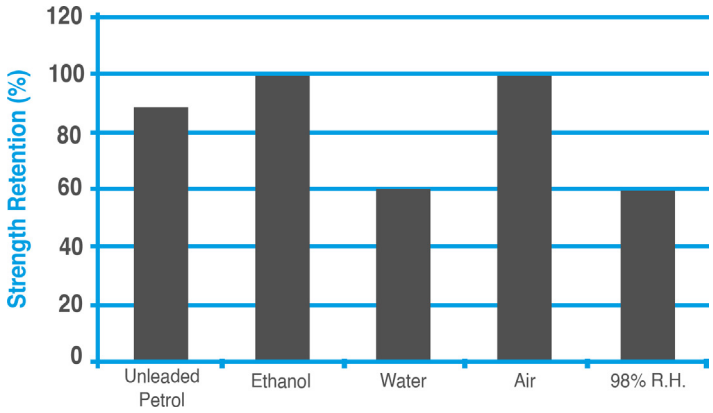
TEMPERATURE RESISTANCE

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



ENVIRO-CHEMICAL RESISTANCE

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



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