速 能 化 工 貿 易 有 限 公 司
ULTRA ENERGY ADHESIVE TRADING CO. LTD.
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TECHNICAL DATA SHEET

CA910

Description

ULTRABOND CA910 is black, high viscosity rubber toughness, medium setting velocity ethyl cyanoacrylate adhesive. Special resistance to high temperature, impact, vibration and moisture.

Application

Ideal for Automotive rubber parts, loudspeaker voice coils, strain relief of components, cable tying on computers, mounting electrical components, bonding auto bumper strips.

Full Cure Speed

Plastic	:	20 – 50 seconds
Rubber	:	10 – 20 seconds
Metal	:	20 – 80 seconds

(Cure speed can improved by using ULTRABOND CS-1 Setter)

General Properties

Uncured monomer

Main Component	Ethyl Chanoacrylate
Appearance	Black
Specific gravity, 25°C	1.10
Viscosity 25°C (CPS) Brookfield LV Spindle 2@ 30rpm	3,000–3,600 CPS
Flash point	>82°C
Shelf life (20°C) months	6
Storage	Under 10°C

(Stored in cool & dry place, unopened bottle & out of direct sunlight)

Cured Adhesive

Gap Filling	0.15 mm
Tensile Strength	20–30 N/mm²
Steel – Steel ASTM D-2095 Tensile shear Strength	18–25 N/mm²
Steel/ Steel ASTM D-1002 Service Temperature Range	–60 to 105°C
Full cure time	24 hours

Safety Direction

Danger, irritant

Avoid contact with eyes and skin, bonds skin in seconds. In case of eye contact, flush with plenty water for over 15 minutes; call a physician immediately. Use

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in well-ventilated place. Avoid contact clothing; it can cause very strong heat.

Application Direction

- The surfaces to be bonded should be clean and free of grease completely.
- ULTRABOND CD-1 Debonder or acetone can treat excess Adhesive.
- If setting time is too long due to large gaps or low relative humidity. ULTRABOND CS-1 Setter can be used.
- If the porosity of surface is higher, higher viscosity type should be better.
- Difficult to bond plastics, like PE, PP, Silicone Rubber, ABS, TPR, EPDM's Adhesion, ULTRABOND CP-1 Primer should be applied firstly, then applied ULTRABOND super glue.