

MEDIUM VISCOCITY CA

TECHNICAL DATA SHEET

Technical Information

Liquid Properties

Ester base	Ethyl-2-cyanoacrylate monomer
Appearance	Clear, colourless liquid
Flash Point	>81 °C
Density	1.05 g/cm ³
Shelf-life at 22 °C	12 months, unopened
Viscosity (Cone & Plate) at 25°C	71 – 95 cPs

Polymeric Properties

Appearance	Clear, colourless polymer
Softening Point	130 °C
Hardness (Rockwell)	M58
Full Cure Time	24-hours
Solubility	DMF, acetone acetonitrile

Cure Speed (Bonding)

(Time to develop a strength of 0.1 N/mm², ISO 4587)

Balsa Wood	1-2 Seconds
Nitrile Rubber	3-5 Seconds
EPDM	3-5 Seconds
Neoprene	3-5 Seconds
Steel (degreased)	15-20 Seconds
Polycarbonate	5-10 Seconds

Shear Strength

(Prepared & Tested in accordance with ISO 4587)

Steel (Grit Blasted)	>15 N/mm ²
Aluminium (Grit Blasted)	>10 N/mm ²
Polycarbonate	>6 N/mm ²
Nitrile Rubber	>10 N/mm ²

Tensile Strength

(Tested in accordance with ASTM D 412 [B])

Steel (Grit Blasted)	>18 N/mm ²
Nitrile Rubber	>5 N/mm ²
EPDM	>2.5 N/mm ²
Neoprene	>5 N/mm ²

Storage Conditions

Container	Store in original sealed container
Temperature	10-22 °C

Disclaimer

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