

Low Viscosity High Performance Cyanoacrylate - 301966 Technical Data Sheet

301966 Cyanoacrylate adhesive

Liquid Properties

Ester base	Ethyl-2-cyanoacrylate
Appearance	Clear, colourless liquid
Flash Point	>85 °C
Density	1.06 g/cm ³
Shelf-life at 22 °C	12 months, unopened
Viscosity (Cone & Plate) at 25 °C	12– 22 cP

Polymeric Properties

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

Cure Speed vs. Substrate

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

Balsa Wood	1-2 Seconds
Nitrile Rubber	1-3 Seconds
EPDM	2-4 Seconds
Neoprene	1-3 Seconds
Steel (degreased)	5-20 Seconds
Polycarbonate	3-10 Seconds

Lap 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])

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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