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Cyanolit 732F – Technical data sheet

Product Description

CY732F is a fast curing ethyl-2-cyanoacrylate adhesive of medium viscosity which enables fast curing of components. CY732F is less dependent on surface moisture for cure speed than other standard Cyanoacrylates. Specifically developed for the bonding of Rubbers and Plastics

Liquid Properties

Ester based	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 @25°C	20-30cP

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 0.1N/mm², ISO 4587)

Balsa Wood	2-3 seconds
Nitrile Rubber	1-3 seconds
EPDM	2-4 seconds
Neoprene	2-3 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	> 10N/mm ²

Tensile Shear 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

Tensile Shear 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

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