ADHESIVE

Rubber Toughened RT 1000 Flexible Cyanoacrylate

LIQUID PROPERTIES

Ester Base cyanoacrylate Appearance Flashpoint Density Shelf Life unopened Viscosity (Brookfield) @ 25°C (Spindle 4, 20rpm) ethyl-2-

Clear, colourless >81°C 1.05 12 months,

850 - 1250cP

Clear, colourless

DMF, acetonitrile,

c. 130°C

24 hours

1.45

POLYMER PROPERTIES

Appearance Softening Point Refractive Index, n_D^{20} Full Cure Time Solubility acetone

CURED PERFORMANCE

	Cure Speed	
Balsa / Balsa Oak / Oak Nitrile / Nitrile Neoprene / Neoprene	 <10 secon NA 5 seconds <7 second 	
EPDM / EPDM Steel / Steel PVC / PVC Polycarbonate / Polycarbonate	<7 second 10-20 seco 5-10 seco 10-40 seco	onds nds
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Grit Blasted Steel Etched Aluminium Nitrile Rubber Polycarbonate	Shear Strength >15 N/mm >11 N/mm >10 N/mm >12 N/mm	2 2
-	Tensile Strength	
Grit Blasted Steel Nitrile Rubber Neoprene Rubber EPDM Rubber	>18 N/mm >5 N/mm² >5 N/mm² >2,5 N/mm	

PRODUCT STORAGE

Adhesive R&D cyanoacrylates should ideally be stored in original sealed containers until used. Containers should be stored between 10°C and 22°C; avoid exposure to strong light and heat sources. Refrigeration prolongs shelf life.

DISCLAIMER

The data contained within this Technical Data Sheet are furnished for information only and are believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the user to determine the products suitability for use. Adhesive R&D and its distributors and agents accept no liability arising out of the use of this information or the products described herein.

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