

3M Scotch-Weld™ CA100 Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Instant Adhesives are single component, high strength cyanoacrylate adhesives. High-peel and impact strength and high thermal shock and heat resistance. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-CA100-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Viscosity	2500 - 4500 cP	2500 - 4500 cP	

Mechanical Properties	Metric	English	Comments
Shear Strength	0.655 MPa	95.0 psi	Overlap, Nitrile Rubber; ASTM D1002-64
	0.827 MPa	120 psi	Overlap, Neoprene Rubber; ASTM D1002-64
	4.14 MPa	600 psi	Overlap, ABS; ASTM D1002-64
	4.83 MPa	700 psi	Overlap, Rigid PVC; ASTM D1002-64
	13.8 MPa	2000 psi	Overlap, Steel; ASTM D1002-64
	20.0 MPa	2900 psi	Overlap, Aluminum; ASTM D1002-64
Peel Strength	2.63 kN/m	15.0 pli	T-Peel

Processing Properties	Metric	English	Comments
Cure Time	0.333333 - 1.166666 min	0.00555555 - 0.01944444 hour	

Descriptive Properties	Value	Comments
Appearance	Clear	

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