

3M Scotch-Weld™ EC600 General Purpose Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ General Purpose Instant Adhesives are single component, high strength ethyl cyanoacrylate adhesive designed to bond to a variety of substances including most plastics, rubbers, metals, and other common substrates. They are available in a wide variety of viscosities. Higher viscosity to reduce migration form bond area. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-EC600-General-Purpose-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	Uncured
Viscosity	600 cP	600 cP	
Brookfield Viscosity	500 - 700 cP	500 - 700 cP	LVF sp #2 @30 rpm

Mechanical Properties	Metric	English	Comments
Shear Strength	20.7 MPa	3000 psi	cured, grit-blasted steel; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.0833 - 1.00 min	0.00139 - 0.0167 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear liquid	

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