

3M Scotch-Weld™ HT700 High Temperature Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ High Temperature Instant Adhesives provide superior performance for demanding applications where high temperatures, thermal cycling, or shock resistance is required. HT700 is a medium viscosity high temperature resistant toughened cyanoacrylate that has some gap-filling capabilities. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-HT700-High-Temperature-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Viscosity	700 cP	700 cP	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	106 °C	223 °F	Continuous
	121 °C	250 °F	Intermittent
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	Continuous
	-54.0 °C	-65.2 °F	Intermittent

Processing Properties	Metric	English	Comments
Cure Time	0.250 - 0.667 min	0.00417 - 0.0111 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

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