

3M Scotch-Weld™ RT300B Rubber-Toughened Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Rubber Toughened Instant Adhesives are formulated with a unique elastomer that maximizes impact, vibration, peel, and thermal cycling resistance while providing tough flexible bonds. These adhesives are ideally suited for bonding flexible substrates and dissimilar materials. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-RT300B-Rubber-Toughened-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	
Brookfield Viscosity	300 - 1000 cP	300 - 1000 cP	LFT, #3 sp @ 2.5 rpm

Mechanical Properties	Metric	English	Comments
Shear Strength	10.3 MPa	1500 psi	cured, grit-blasted steel; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.0 °C	199 °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	0.333 - 0.833 min	0.00555 - 0.0139 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

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