

3M Scotch-Weld™ FLX300 Flexible Instant Adhesive

Category : Polymer , Adhesive

Material Notes:

3M™ Scotch-Weld™ Flexible Instant Adhesive FLX (formerly PR851) is formulated for extended resistance to impact, vibration, stress, peel, and humidity applications. It is faster curing than 3M™ Scotch-Weld™ Rubber Toughened Instant Adhesives. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-FLX300-Flexible-Instant-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	
Brookfield Viscosity	200 - 400 cP	200 - 400 cP	LVF Spindle #2 @ 30 rpm

Mechanical Properties	Metric	English	Comments
Shear Strength	20.0 MPa	2900 psi	Overlap; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	71.0 °C	160 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.167 - 0.583 min	0.00278 - 0.00972 hour	Time to Handling Strength
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear liquid	

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