

ITW Devcon Plastic Welder, Methacrylate Adhesive SD, Off-White

Category : Polymer , Adhesive , Thermoset , Methacrylate , Methacrylate Adhesive

Material Notes:

Information provided by ITW Devcon

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Devcon-Plastic-Welder-Methacrylate-Adhesive-SD-Off-White.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	10 %	10 %	
Adhesive Bond Strength	15.1 MPa	2190 psi	lap shear (on grit blasted steel, bond line thickness of 0.010"); ASTM D1002
Tensile Impact Strength	42.0 kJ/m ²	20.0 ft-lb/in ²	
Peel Strength	1.75 - 2.10 kN/m	10.0 - 12.0 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 Â°C	250 Â°F	dry
Minimum Service Temperature, Air	-55.0 Â°C	-67.0 Â°F	dry

Processing Properties	Metric	English	Comments
Cure Time	4.00 - 6.00 min	0.0667 - 0.100 hour	Working time
	15.0 - 20.0 min	0.250 - 0.333 hour	Fixture time
	120 - 240 min	2.00 - 4.00 hour	Functional cure

Descriptive Properties	Value	Comments
Mix ratio (Resin:Hardener)	1:1	

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