

ITW Devcon One minute,ç Epoxy Gel, Amber

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

Information provided by ITW Devcon

Order this product through the following link:

http://www.lookpolymers.com/polymer_ITW-Devcon-One-minute-Epoxy-Gel-Amber.php

Physical Properties	Metric	English	Comments
Viscosity	70000 cP	70000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.0 %	1.0 %	
Adhesive Bond Strength	11.0 MPa	1600 psi	lap shear (bond line thickness of 0.005"); ASTM D1002
Tensile Impact Strength	9.45 kJ/mÂ²	4.50 ft-lb/inÂ²	
Peel Strength	0.351 - 0.526 kN/m	2.00 - 3.00 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 Â°C	200 Â°F	dry
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	dry

Processing Properties	Metric	English	Comments
Cure Time	0.750 min	0.0125 hour	Working time
	1.00 min	0.0167 hour	Fixture time
	30.0 - 45.0 min	0.500 - 0.750 hour	Functional cure

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

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