

ITW Devcon 5 minute[®] Epoxy, Light 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-5-minute-Epoxy-Light-Amber.php

Physical Properties	Metric	English	Comments
Viscosity	10000 cP	10000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.0 %	1.0 %	
Adhesive Bond Strength	13.1 MPa	1900 psi	lap shear (bond line thickness of 0.005"); ASTM D1002
Tensile Impact Strength	11.5 kJ/m ²	5.50 ft-lb/in ²	
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	3.00 - 6.00 min	0.0500 - 0.100 hour	Working time
	10.0 - 15.0 min	0.167 - 0.250 hour	Fixture time
	45.0 - 60.0 min	0.750 - 1.00 hour	Functional cure

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

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