

ITW Devcon Epoxy HP 250, Straw

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-Epoxy-HP-250-Straw.php

Physical Properties	Metric	English	Comments
Viscosity	105000 cP	105000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Elongation at Break	25 %	25 %	
Adhesive Bond Strength	22.1 MPa	3200 psi	lap shear (on grit blasted steel, bond line thickness of 0.010"); ASTM D1002
Tensile Impact Strength	25.2 kJ/m ²	12.0 ft-lb/in ²	
Peel Strength	6.14 - 7.01 kN/m	35.0 - 40.0 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	65.0 min	1.08 hour	Working time
	300 min	5.00 hour	Fixture time
	1440 min	24.0 hour	Functional cure

Descriptive Properties	Value	Comments
Mix ratio (Resin:Hardener)	2:1	

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