

ITW Devcon 2 Ton[®] Epoxy Clear Epoxy, Clear, White

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-2-Ton-Epoxy-Clear-Epoxy-Clear-White.php

Physical Properties	Metric	English	Comments
Viscosity	8000 cP	8000 cP	Mixed Viscosity

Mechanical Properties	Metric	English	Comments
Elongation at Break	1.0 %	1.0 %	
Adhesive Bond Strength	15.5 MPa	2250 psi	lap shear (on grit blasted steel, bond line thickness of 0.010"); ASTM D1002
Tensile Impact Strength	13.6 kJ/m ²	6.50 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

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	8.00 - 12.0 min	0.133 - 0.200 hour	Working time
	30.0 - 35.0 min	0.500 - 0.583 hour	Fixture time
	120 min	2.00 hour	Functional cure

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China