

Devcon Fastmeal™ Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Precision Repair EpoxyComments: High-performance, alumina-filled epoxy putty for making fast, dependable emergency repair to leaks in pipes carrying ores, coal, cement, san and gravel. Cures in 5 minutes. Applies in temperatures as low as 40°F. Economical and convenient.Data provided by Ellsworth Adhesives.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Devcon-Fastmeal-Epoxy.php

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0581 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	90	90	ASTM D2240
Tensile Strength, Ultimate	21.68 MPa	3145 psi	ASTM D638
Modulus of Elasticity	5.86 GPa	850 ksi	In Tension; ASTM D638
Flexural Yield Strength	53.1 MPa	7700 psi	ASTM D790
Compressive Yield Strength	87.6 MPa	12700 psi	ASTM D695
Adhesive Bond Strength	13.8 MPa	2000 psi	Adhesive tensile shear strength; ASTM D1002

Thermal Properties	Metric	English	Comments
CTE, linear	58.0 μm/m-°C	32.2 μin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.854 W/m-K	5.91 BTU-in/hr-ft ² -°F	ASTM C177
Maximum Service Temperature, Air	121 °C	250 °F	Operating Temperature
Shrinkage	0.93 %	0.93 %	During Cure; ASTM D2566

Electrical Properties	Metric	English	Comments
Dielectric Constant	18.6	18.6	ASTM D150
Dielectric Strength	14.6 kV/mm	370 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Processing Temperature	>= 4.44 °C	>= 40.0 °F	

Processing Properties	Metric	English	Comments
Pot Life	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Coverage per lb.	69 in ²	at 1/4 inch thick
Mix Ratio by Volume	1 to 1	resin:hardener
Mix Ratio By Weight	1 to 1	resin:hardener

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