

Devcon 5 Minute® Epoxy

Epoxy; Epoxide

Devcon

Message:

A rapid-curing, general purpose adhesive/encapsulant.
Intended Use:
Bonds metals, fabrics, ceramics, glass, wood, and concrete (in combinations)
Product features:
100% reactive, no solvents
Good solvent resistance
Bonds metals, fabrics, wood, and concrete

General Information			
Features	Solvent resistance		
	Fast curing		
	General		
Uses	General		
	Bonding		
	Adhesive		
Appearance	Amber		
Processing Method	Enclosure		
Physical	Nominal Value	Unit	Test Method
Specific Volume	0.907	cm ³ /g	
Solid content-by Volume	100	%	
Impact Resistance	11.6	kJ/m ²	
Service Temperature - Dry	-40 - 93	°C	
Work Time	3.0 - 6.0	min	
Tensile Shear Adhesion	13.1	MPa	ASTM D1002
Density ¹	1.10	g/cm ³	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	
Tensile Elongation (Break)	1.0	%	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	19	kV/mm	ASTM D149
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			

Mixing ratio by weight: 1.0

Component a

Mixing ratio by capacity: 1.0

Mixing ratio by weight: 1.0

Component B

Mixing ratio by capacity: 1.0

Thermoset Mix Viscosity	10000	cP
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Additional Information	Nominal Value	Unit	Test Method
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Cured 7 days @ 75°F

Uncured Properties	Nominal Value	Unit	Test Method
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Curing Time (22°C)	12	hr
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NOTE

1. Mixed

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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