

# Devcon 10 Minute™ Epoxy

Epoxy; Epoxide

Devcon

Message:

Flexible epoxy with good impact resistance, peel strength, and excellent chemical resistance.

Intended Use:

Sign/display, appliance, metalworking, and furniture industries.

Product features:

Good impact resistance

Self-leveling liquid

High shear strength

General Information			
Features	Impact resistance, good		
	Good flexibility		
	Good chemical resistance		
Uses	Displays		
	Electrical appliances		
	Furniture		
Appearance	Black		
	Clear/transparent		

Physical	Nominal Value	Unit	Test Method
Specific Volume	0.889	cm <sup>3</sup> /g	
Solid content-by Volume	100	%	
Impact Resistance	21.0	kJ/m <sup>2</sup>	
Service Temperature	-55 - 93	°C	
Work Time	10.0	min	
Tensile Shear Adhesion	16.5	MPa	ASTM D1002
Density <sup>1</sup>	1.13	g/cm <sup>3</sup>	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	5.0	%	

Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	31	kV/mm	ASTM D149

Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			

Mixing ratio by weight: 100

Component a

Mixing ratio by capacity: 1.0

Mixing ratio by weight: 99

Component B

Mixing ratio by capacity: 1.0

Thermoset Mix Viscosity	80000 - 90000	cP
-------------------------	---------------	----

Additional Information	Nominal Value	Unit	Test Method
------------------------	---------------	------	-------------

Cured 7 days @ 75°F

Uncured Properties	Nominal Value	Unit	Test Method
--------------------	---------------	------	-------------

Curing Time	12	hr
-------------	----	----

#### NOTE

1. Mixed

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

