Devcon 2 Ton® Epoxy

Epoxy; Epoxide

Devcon

Message:

Extremely strong, medium-cure, water-resistant clear adhesive that will self-level after application.
Intended Use:
Bonding parts in a structural environment or potting electronic components and assemblies
Product features:
Cures without shrinking
Cures at room temperature
Good impact resistance
Produces strong, rigid bond on metal, ceramics, wood, concrete, glass, or combinations

General Information			
Features	Rigidity, high High strength Impact resistance, good Low shrinkage		
Uses	Electrical/Electronic Applications Bonding		
Appearance	Clear/transparent		
Processing Method	potting		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Volume	0.910	cm^3/g	
Solid content-by Volume	100	%	
Impact Resistance	13.7	kJ/m^2	
Service Temperature - Dry	-40 - 93	°C	
Work Time	8.0 - 12.0	min	
Tensile Shear Adhesion	15.5	MPa	ASTM D1002
Density [1]	1.10	g/cm^3	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Elongation (Break)	1.0	%	
Compressive Strength	75.8	MPa	ASTM D695
Electrical	**Nominal Value**	**Unit**	**Test Method**
Dielectric Strength	24	kV/mm	ASTM D149
Thermoset	**Nominal Value**	**Unit**	**Test Method**
Thermoset Components			

	Mixing ratio by weight: 1.2		
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	8000	cP	
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Cured 7 days @ 75°F			
Uncured Properties	**Nominal Value**	**Unit**	**Test Method**
Curing Time	16	hr	
NOTE			
1.	Mixed		

Recommended distributors for this material

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