Epoxies, Ect. 10-3782

Epoxy; Epoxide

Epoxies, Etc.

Message:

These one component heat cure epoxy adhesives are fast setting materials formulated in three different viscosities. They are known for their low temperature cure, heat and excellent chemical resistance.
Very low viscosity
These unique adhesives exhibit outstanding bond strengths to a variety of substrates including metals, ceramics, wood, magnets, plastics, glass, etc... They are currently used in a variety of electronic bonding and potting applications, filer end cap assemblies, magnetic bonding applications and anywhere a tough indestructible bond is required.

General Information	
Features	Bondability Fast Cure Good Adhesion Good Chemical Resistance Low Viscosity Medium Heat Resistance
Uses	Adhesives Bonding Caps
Appearance	Grey
Processing Method	Encapsulating Potting

Additional Information	Nominal Value	Unit
Operating Temperature	-50.0 to 180	°C

Uncured Properties	Nominal Value	Unit
Color	Grey	
Solids Content	100	%
Density (25°C)	1.49	g/cm³
Viscosity (25°C)	25	Pa·s
Curing Time		
175°C	0.030	hr
160°C	0.083	hr
121°C	0.25	hr
100°C	2.0	hr
Shelf Life		
25°C	3	month
0°C	12	month

Cured Properties	Nominal Value	Unit
Shore Hardness		
Shore D, 121°C	70	
Shore D, 25°C	80	
Tensile Strength	27.6	MPa

Recommended distributors for this material

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