

Epoxy 87127

ONE PART SNAP CURE EPOXY

TECHNICAL DATA

Product Description

Epoxy 87127 is an exceptional epoxy formulation recommended for bonding and small potting applications where a fast cure and good high temperature performance is required. This one part, low viscosity system contains no solvents, and is suitable for high performance structural bonding applications where the combination of very fast room temperature cure coupled with low shrinkage and excellent mechanical and electrical properties is required.

APPLICATIONS	FEATURES	RECOMMENDED SUBSTRATES
<ul style="list-style-type: none"> Industrial adhesion Small potting Laminating 	<ul style="list-style-type: none"> Moisture resistant 	<ul style="list-style-type: none"> Glass ceramics Metals Plastics

UNCURED PROPERTIES*		
Property	Value	Test Method
Chemical Class	Epoxy/Amine blend	N/A
Color	Brown/Translucent	N/A
Specific Gravity	1.18	TFTEST002
Mixed Viscosity @ 25C, cps	9,000 - 11,000	TFTEST001

CURED MECHANICAL PROPERTIES*		
Property	Value	Test Method
Durometer Hardness, Shore D	84	TFTEST012
Operating Temperature Range, C	-60 to 180	N/A
Tensile Strength, psi, 25°C	2,800	N/A
Dielectric Strength, Volts/mil	415	N/A

CURE OVERVIEW*		
Property	Value	Test Method
Work Life @25C, hr	8	N/A
Snap Cure @85C, sec	60	N/A

Storage:

Store material at -40°C. Refer to packaging specific quote for shelf life information. Consult MSDS for safe handling recommendations.

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