

ER3113

Two Part Clear and Colorless Potting Compound

DESCRIPTION

A two-part water white epoxy used for potting, encapsulation, and sealing of electronic assemblies. ER3113 should be used for applications where it is essential to use a clear epoxy. The low mixed viscosity makes intimate wet out possible. ER3113 has a convenient 2:1 by volume mix ratio and is ideal when visual inspection is needed after potting.

Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

TYPICAL PROPERTIES

	<u>TEST METHOD</u>	<u>VALUE</u>
Gel Time [100 Gram Mass at 75°F] (hours):	ASTM D2471	5
Drying Time (hours):		
Set to Touch:		12
Thru Dry:		24
Shore D Hardness:	ASTM D2240	70
Tensile Strength (psi):	ASTM D638	2100
Ultimate Elongation (%):		40
Tg (°C):		100
Shrinkage (%):		0.12
Part A:		
Viscosity (cps):	ASTM D2393	2500
Part B:		
Viscosity (cps):	ASTM D2393	50
Mix Ratio:		
By Volume:		2: 1
Shelf Life (months):		
Part A:		12
Part B:		12



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APPLICATION PROCEDURES

Carefully weigh out appropriate amounts of resin and hardener into a clean mixing container and thoroughly mix until all streaks and striations are gone. Scrape the sides and bottom frequently to ensure complete mixing.

For 1# and 2# kits, add all of Part B to Part A and mix thoroughly.

CAUTION: Unmixed compound from the sides or bottom of the container can cause soft spots or uncured areas in the completed piece. To prevent this, transfer the entire mixed contents to a second clean container and remix for a short time before using.

PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

RESIN AND HARDENER WARNING STATEMENT

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

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