

STAR Technology

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UR3363

Potting Compound

DESCRIPTION

UR3363 is a two part system designed for the encapsulation of sensitive electronic components or lifting magnets. UR3363 is extremely flexible upon cure and has excellent noise reduction characteristics. Curing UR3363 with heat will accelerate the cure process. A recommended bake cycle of 4-8 hours at 80-100° C will help to speed up the cure time and will help to improve the final properties.

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 [250 Gram Mass at 75° F] (minutes):	ASTM D2471	45
Cure Time (days):		3
Shore Hardness Shore D:	ASTM D2240	10-15
Part A:		
Specific Gravity (g/cc):	ASTM D1475	0.93
Viscosity (cps):	ASTM D2393	250
Color:		Amber
Part B:		
Specific Gravity (g/cc):	ASTM D1475	0.95
Viscosity (cps):	ASTM D2393	1800
Color:		Brown
Mix Ratio:		
By Weight:		100:20
By Volume:		100:20
Shelf Life (months):		6

APPLICATION PROCEDURES

Completely dry the part to be potted at 100-150° C and also be certain that all the insulation is fully cured. Cool the part to 40-50° C and pour the mixed UR3363 until the part is completely full. Allow to gel at room temperature or accelerate cure with heat.

PRECAUTIONS

Keep storage containers and any unused material completely sealed and free of moisture. Part A may become viscous when exposed to cold temperatures, gentle heating to 35° C will return Part A to the normal viscosity.

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.