

STAR Technology

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ER7415

Single Part Epoxy Compound

DESCRIPTION

ER7415 is a single part heat cure epoxy designed for high bonding strength under high heat conditions with controlled flow characteristics. The ER7415 with its ideal properties was designed for wet winding applications, adhesive, patching and sealing. Use brush, spatula or automatic wet winding equipment for application.

Shelf life can be extended to 12 Month shelf life when stored at 77°F(25°C). With normal use, regular monitoring and adequate additions of fresh material shelf life is indefinite. Recommended storage in VPI equipment is 68°F(20°C).

BENEFITS

Solventless
Minimal Waste

Non-Hazardous
Highly Thixotropic

Exceptional Heat Transfer

TYPICAL PROPERTIES

	<u>TEST METHOD</u>	<u>VALUE</u>
Cure Time [150 ° C] (hours):		8
Gel Time [150 ° C] (minutes):		10-15
Shore D Hardness:	ASTM D2240	85
Tg (° C):	ASTM D3418	160
Weight Loss [96 hours @ 200° C] (%):		1.44
Specific Gravity (g/cc):	ASTM D1475	1.21
Viscosity (cps):		
5 rpm (spindle 6)	ASTM D2393	72,000
20 rpm (spindle 6)	ASTM D2393	45,000
Color:		Natural

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.