

# STAR Technology

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## ER7320

### Single Part Epoxy Compound

#### DESCRIPTION

ER7320 is a single part heat cure epoxy designed for high bonding strength under high heat conditions with controlled flow characteristics. The ER7320 with its ideal properties was designed for wet winding applications, adhesive, patching and sealing. Use brush, spatula or automatic wet winding equipment for application. ER7320 has a 1 year shelf life with refrigerated storage.

#### BENEFITS

Solventless	Non-Hazardous	Non-Flowing During Cure
Exceptional Heat Transfer	180°C Thermal Class	Highly Thixotropic

#### TYPICAL PROPERTIES

	<u>TEST METHOD</u>	<u>VALUE</u>
Cure Time [150 ° C] (hours):		16
Gel Time [150 ° C] (minutes):		5-10
Shore D Hardness:	ASTM D2240	85
Tg (° C):	ASTM D3418	162
Thermal Conductivity (W/mK):		0.24
Dielectric Strength (Volts/mil):	ASTM D149	1550
Specific Gravity (g/cc):	ASTM D1475	1.27
Viscosity (cps):		
2 rpm (spindle 7)	ASTM D2393	130,000
20 rpm (spindle 7)	ASTM D2393	45,000
Color:		Natural
Shelf Life (months):		6

#### PRECAUTIONS

Due to catalyst incompatibilities, do not mix ER7320 with E-300-20. For additional information, please contact Star Technology.

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.