

STAR Technology

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ER2115

Single Part Heat Cure Epoxy

DESCRIPTION

ER2115 is a heat cured fracture resistant epoxy used for adhesive and potting applications where high glass transition temperatures and increased chemical resistance are required. ER2115 is specially formulated to survive the rapid shear impacts caused by thermal and mechanical shock. It adheres to steel, brass, copper, stainless steel, tin plated surfaces, aluminum and most engineering plastics. Best results are achieved when the product is cured according to the cure schedule shown below.

TECHNICAL INFORMATION

Color	Gray
Viscosity 23°C	Thixotropic paste
Specific Gravity	1.42
Cure Schedule 5grams	30 minutes at 100oC
Cured Hardness	85 shore D
Lap Shear Strength, Steel to Steel	>1200 psi
Glass Transition Temperature	130oC
Useful Temperature Range	-15 to 230 °C
Volume Resistivity	1.68 x 10 ¹⁶ Ω · cm
Surface Resistivity	1.88 x 10 ¹⁶ Ω
Dielectric Strength	430 Volts/mil

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