

THE ONLY ADHESIVE LINE DEVELOPED EXCLUSIVELY FOR FIBER OPTICS

**ANGSTRÖMBOND® 9320**

**HEAT CURE ADHESIVE FOR MULTIMODE AND SINGLE MODE TERMINATIONS**

**Description:**

ANGSTRÖMBOND 9320 is a low stress heat cure epoxy designed for terminating multimode and single mode fibers. This state-of-the-art adhesive has a working significantly longer than the standard adhesives used for multimode terminations. The unique chemistry of 9320 allows for very strong adhesion to Glass, Ceramic, Metals and most plastics without causing fiber core cracking or fiber pistoning. It is resistant to most chemicals and environmental conditions.

ANGSTRÖMBOND 9320 has been formulated with a blue color for ease of polishing and a high glass transition temperature so that it can pass the most stringent specifications. This low outgassing epoxy meets NASA requirements of ASTM E595-93

**Typical Properties:**

Color:	Dark Blue
Specific Gravity, g/cc:	1.1
Mixed Viscosity @ 25°C, cps:	1400
Hardness, Shore D:	86
Mix Ratio by Weight,	
Resin to Hardener:	100 / 24
Lap Shear Strength, (Al/Al), psi:	2900
Glass Transition, °C:	124
Service Temperature Range, °C	-55 to 175
Outgassing (cured 2 hours @80C)	
TML, %	0.85
CVCM, %	0.00
Solids Content, %:	100

**Handling Characteristics:**

Working Time: 60-90 minutes

Minimum Cure Schedule, by DSC:

@ 80°C	30 - 120 minutes
@ 90°C	15 - 60 minutes
@ 100°C	10 - 30 minutes

**Application Directions:**

Safely remove divider from package. Knead package vigorously until uniform color is achieved and material is thoroughly mixed. Cut open end of package and dispense.

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