




**Manufacturer:**  
ÅngströmBond®

**Product Name:**  
ÅngströmBond® CrystalBond™ 509 Temporary Mounting and Bonding Amber Adhesive

**Manufacturer Part Number:**  
509

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ADHESIVES

The only adhesive line developed exclusively for fiber optics

**CRYSTALBOND™ 509 FROM ÅNGSTRÖMBOND®  
Temporary Mounting and Bonding Adhesive**

**Description:**

509 is a temporary bonding adhesive designed for mounting objects that require dicing, polishing and other machining processes. This adhesive exhibits high bond strength to metals, glass and ceramics. When processing is complete 509 can be removed by reheating and is soluble in acetone leaving no residue

509 is an excellent choice for polishing as it minimizes clogging of diamond tools when compared to waxes. It is transparent in thin cross sections.

**Typical Applications:**

- Machining advanced ceramics
- Lapping and polishing optical components
- Dicing ceramic substrates and semiconductor wafers
- Dicing ferrites, glasses and piezoelectronics
- Dicing metal and optic crystals
- Mounting cross-sections for electron microscopy
- Backfilling components for mechanical support

**Application Directions:**

Melt material and place between substrates. Allow to cool to room temperature before beginning processing. Product can be removed by reheating above flow point or dissolving in acetone.

**Typical Physical Properties:**

Color	clear Amber
Description	Thermoplastic Polymer
Form :	7/8" dia x 7" stick
Softening, °C	70-75
Flow Point, °C:	135
Viscosity @ flow point, cps	6,000

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**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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*Product specifications and data are subject to change without notice.*