



**Manufacturer:**  
ÅngströmBond

**Product Name:**  
ÅngströmBond AB9190 General Room Temp Cure Epoxy (2.5G)

**Manufacturer Part Number:**  
AB9190-2.5G

▶ [Click here for more details on the ÅngströmBond AB9190 General Room Temp Cure Epoxy \(2.5G\)](#)

# ÅngströmBond®

Adhesives

The only adhesive line developed exclusively for fiber optics

## ÅngströmBond® 9190 Low Viscosity, Rigid Epoxy System

### Description:

ÅngströmBond® 9190 is a very low viscosity, rigid epoxy system specially designed for optical applications requiring a high strength adhesive with very low shrinkage. This clear adhesive exhibits strong bonds to glass, silica, ceramic, metals and engineered plastics. AB9190 can be applied with bond line thickness of 1mil or below. It is also ideal for high precision alignment requirements where low stress is essential.

### Handling Characteristics:

Working Life:	2 – 3 Hours
Minimum Cure Schedule:	
@25°C	18 Hours
@65°C	1 - 2 Hours
@90°C	20 Minutes

### Typical Physical Properties:

Color Mixed:	Clear
Specific Gravity, g/cc:	1.10
Mixed Viscosity @ 25°C, cps:	150
Service Temperature Range, °C:	-60 to 120
Mix Ratio by weight Resin/Hardener	100/30
Glass Transition, °C:	45
Hardness, Shore D:	82
Lap Shear Strength, psi:	2900
Moisture Absorption, %	0.1

### 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.

ÅngströmBond® is a registered trademark of Fiber Optic Center, Inc., New Bedford MA, USA

Fiber Optic Center™, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestion for use are made without guarantee – inasmuch as conditions of use are beyond our control. The properties given are typical values, and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.

Rev. B 11/2011

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

[focenter.com](http://focenter.com) • 508-992-6464 | (800) 473-4237 • [sales@focenter.com](mailto:sales@focenter.com)

23 Centre Street • New Bedford, MA 02740 USA

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