

**950-200 FROM ÅNGSTRÖMBOND®
UV COATING FOR FIBER SPLICING AND RECOATING****Description:**

950-200 is a uniform viscosity coating used extensively for fiber splicing and recoating. This one part, UV cured material has low moisture sensitivity and an elongation that simulates the original fiber coatings. It is manufactured with a filtration technique intended to minimize particulate matter.

Typical Physical Properties:

Viscosity @ 25°C, cps:	2500
Density, 23°C kg m ⁻³	1080
Surface tension, 23°C dynescm ⁻¹	23
Tensile strength, Mpa	15
Elongation, %	55
Modulus, Mpa	44
Index of Refraction, cured	1.55
Coeff. Of Thermal Expansion /°C:	
In glassy region(x10 ⁻⁶)	90
In rubbery region(x10 ⁻⁶)	250
Cure shrinkage, %	5.0
Operating Temp. , °C	-55 to 150
Thermal weight change, %	
88°C	3
125°C	9

Handling Characteristics:**Cure Schedule:**

1.0 J-cm² for a 75um film @ 320-390nm

Cure schedules can vary slightly with different applications. Please use these numbers as a basis to develop a schedule suitable for the application.

Storage Conditions:

Store in cool dry environment away from light. Do not refrigerate or freeze. Storage or shipment in cold conditions may result in a phase separation which is reversible by heating for 24 hours @ 50°C. If possible the container should be gently rolled to ensure uniform dissolution during heating process.

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