

## Key Features

Bonds Well to Most Substrates  
 Deep UV Cure  
 Full Shadow Cure with Heat  
 Ideal for Fiber Optic Applications  
 Long Pot Life  
 Fast Tack Minimizes Fixture Costs  
 Secondary Cure after Removal from Fixture

## Uncured

Work Life @ 25°C: 24 hours  
 Viscosity @ 23°C: 35,000 cPs  
 Shelf Life @ -40°C: 12 Months

## Cure Options

6,000 mJ + 30 minutes @ 120°C

## Cured Properties

(Based on cure of 6,000 mJ + 30 minutes @ 120°C)

Color	Gray
Shore D Hardness	94
Glass Transition Temp (°C)	125
Density (g/cc)	1.6
Lap Shear 2024T3 Clad (psi)	1,500

## Electrical Properties

(Based on cure of 6,000 mJ + 30 min. @ 120°C)

Volume Resistivity (ohm-cm)	1.0E 12 @ 500 VDC
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## Product Description:

6207 is a gray, one-component, UV/heat dual cure, precision mixed, degassed, and frozen acrylate adhesive that bonds well to most substrates (metals, ceramic, glass, and most plastics). It has the capabilities of both a deep UV cure and full shadow cure with heat and is ideal for fiber optic applications. It is a free-flowing material with a long work life, able to be dispensed up to 24 hours after thaw. 6207 can be tacked with UV, removed from the fixture, and post cured with heat later in the assembly process. It offers a low coefficient of thermal expansion to minimize part movement during thermal cycling.

## Thermal Properties

(Based on cure of 6,000 mJ + 30 minutes @ 120°C)

CTE below Tg (ppm/°C)	43
CTE above Tg (ppm/°C)	98
Glass Transition Temp (°C)	125

## Outgassing Properties

(Based on cure of 6,000 mJ + 30 minutes @ 120°C)

TML (%)	0.32
CVCM (%)	<0.01
WVR (%)	0.16

## Acoustic Properties

Velocity (m/s)	3,035
Impedance (MRayles)	4.98
Loss (dB/cm-MHz)	-5.05
Density (g/cc)	1.6

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