



Microwave solutions for the next generation in advanced materials processing

**VFM TECHNICAL DATA SHEET**  
**ELECTRONIC MATERIALS INC.**  
**OPTOCAST 3653**

**ADHESIVE PROPERTIES** (As reported by manufacturer)

Color: Clear / Medium Brown  
Viscosity (cP): 3,500 – 4,000  
Tg Measured by DSC (°C): N/A  
Tg Measured by TMA (°C): 100  
CTE Below Tg (ppm/°C): 55 - 60  
CTE Above Tg (ppm/°C): 160

**RECOMMENDED VFM CURE**

**VFM Cure Profile: 4 Minutes @ 115°C**

**Compared to Manufacturer's Suggested  
Convection Oven Cure Profile: 15 Minutes @ 115°C**

**DSC COMPARISON**

Optocast 3653

