



Microwave solutions for the next generation in advanced materials processing

VFM TECHNICAL DATA SHEET

LOCTITE FP4450HF

ADHESIVE PROPERTIES (As reported by manufacturer)

Color:	Black
Viscosity (cP):	32,000 @ 25°C, Brookfield RVF Spindle 6, Speed 20
Tg Measured by DSC (°C):	N/A
Tg Measured by TMA (°C):	160
CTE Below Tg (ppm/°C):	19
CTE Above Tg (ppm/°C):	71

RECOMMENDED VFM CURE

VFM Cure Profile: 12 Minutes @ 125°C
+ 12 Minutes @ 165°C

or

15 Minutes @ 165°C

Compared to Manufacturer's Suggested
Convection Oven Cure Profile:

30 Minutes @ 125°C
+ 90 Minutes @ 165°C

DSC COMPARISON

Loctite FP4450HF

