



Microwave solutions for the next generation in advanced materials processing

VFM TECHNICAL DATA SHEET
HD MICROSYSTEMS
HD 8910

FILM PROPERTIES WITH OVEN CURE (As measured by manufacturer)

Modulus:	2.6 GPa	
Tensile Strength:	117 MPa	
Tg Measured by DSC (°C):	271°C	
Td 1% Weight Loss:	312°C	
CTE:	54 ppm	NOT FULLY CURED

MANUFACTURER RECOMMENDED OVEN CURE:

Ramp to 225°C 30 minutes (7 deg/min)
Soak at 225°C 60 minutes
Cool to RT 30 minutes

RECOMMENDED VFM CURE:

Ramp to 225°C 7 minutes (42 deg/min)
Soak at 225°C 60 minutes
Cool to RT 4 minutes

FILM PROPERTIES WITH VFM CURE: (As measured by manufacturer)

Modulus:	2.19 GPa	
Tensile Strength:	115 MPa	
Tg Measured by DSC (°C):	313°C	
Td 1% Weight Loss:	360°C	
CTE:	53 ppm	FULLY CURED
