

Epoxy 7113/1481			
Physical Properties	Test Method	Unit	Value
Flexural Strength	ASTM-D-790	mPA	92
		psi	13,300
Compressive Strength	ASTM-D-695	mPA	155
		psi	22,500
Linear Shrinkage	ASTM-D-2566	cm/cm	0.0020
Water Absorption (24hrs)	ASTM-D-570	%	0.03
Outgassing	ASTM-D-595		
	TML	%	0.25
	CVCM	%	0.01
Mechanical Properties			
Hardness, Shore D	ASTM-D-2240	SHORE D	
Electrical Properties			
Dielectric Strength	ASTM-D-149	kV/mm	14
		V/mil	365
Dielectric Constant @ 1mHz	ASTM-D-150		5.01
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Volume Resistivity @ 25C	ASTM-D-257	Ohm-cm	>10 <sup>15</sup>
Thermal Properties			
Coefficient of Thermal Expansion	ASTM--D-3386		
	alpha 1	10 <sup>-6</sup> /c	35.0
	alpha 2	10 <sup>-6</sup> /c	98.9
Glass Transition Temp	ASTM-D-3418	C	86.0
Thermal Conductivity	TP-557W	W/m.K	1.3
		Btu-in/hr-ft <sup>2</sup> -F	8.7
Temperature Range of Use		C	-40 to 130