

31% (B)

I J H I T F F E N B U F S J B M G P S D I F S P E V D U J P O B G S J H J E H S B B S U T

Post-Cured Material

MECHANICAL PROPERTIES			
MEASUREMENT	CONDITION	METRIC	U.S.
Tensile Strength (MPa PSI)	ASTM D638	50	7190
Tensile Modulus (MPa KSI)	ASTM D638	2180	317
Elongation at Break	ASTM D638	25 %	
Elongation at Yield	ASTM D638	4 %	
Flexural Strength (MPa PSI)	ASTM D790	75	10900
Flexural Modulus (MPa KSI)	ASTM D790	2070	300
Notched Izod Impact Strength (J/m Ft-lbs/in)	ASTM D256	29	0.54
Unnotched Izod Impact Strength (J/m Ft-lbs/in)	ASTM D4812	598	11.2
Heat Deflection Temperature @ 0.45 MPa (66 PSI)	ASTM D648	59 °C	138 °F
@ 1.82 MPa (264 PSI)		51 °C	123 °F
Coefficient of Thermal Expansion (CTE) (ppm/°C ppm/°F)	ASTM E831	< Tg	52
		> Tg	92
Glass Transition (Tg)	DMA, E''	58 °C	136 °F
Hardness, Shore	ASTM D2240	81D	
Water Absorption	ASTM D570	0.34 %	

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-PDBUJPO