



RESINA HI-TEMP

RESINA ALTE TEMPERATURE

	Green	Postcured	Method
Mechanical Properties			
Ultimate Tensile Strength	33 MPa	51,1 MPa	ASTM D 638-14
Young's Modulus	1.5 GPa	3.6 Gpa	ASTM D 638-14
Elongation at Break	9 %	2 %	ASTM D 638-14
Flexural Strength at break	41,2 MPa	106,9 MPa	ASTM C 790-15
Flexural Modulus	1.1 Gpa	3.3 Gpa	ASTM D 790-15
Notched IZOD	12.3 J/m	14 J/m	ASTM D 256-10
Water Absorption	N/A	0.21%	ASTM D 570-98
Thermal Properties			
Heat deflection temp. @ 1.8 Mpa	42.3 °C	130 °C	ASTM D 648-16
Heat deflection temp. @ 0.45 Mpa	55.9 °C	289 °C	ASTM D 648-16
Thermal Expansion (0-150 °C)	120.9 µm/m/°C	87.5 µm/m/°C	ASTM E 831-13