

Mechanical	Imperial		Metric	
	XZ	ZX	XZ	ZX
Tensile Yield Strength	6800 psi	4800 psi	47 MPa	33 MPa
Tensile Yield Elongation	2.20%	1.70%	2.20%	1.70%
Ultimate Tensile Strength	9950 psi	6100 psi	69 MPa	42 MPa
Ultimate Tensile Elongation	5.80%	2.20%	5.80%	2.20%
Tensile Modulus	312 ksi	329 ksi	2150 MPa	2270 MPa
Flexural Strength	16200 psi	9900 psi	112 MPa	68 MPa
Flexural Strain	No break	3.70%	No break	3.70%
Flexural Modulus	331 ksi	297 ksi	2300 MPa	2050 MPa
Izod Impact, Notched	2.2 ft-lb/in	0.9 ft-lb/in	120 J/m	48 J/m
Izod Impact, Un-notched	14.6 ft-lb/in	3.2 ft-lb/in	781 J/m	172 J/m
Compressive Yield Strength	14500 psi	12700 psi	100 MPa	87 MPa
Ultimate Compressive Strength	26200 psi	13100 psi	181 MPa	90 MPa
Compressive Modulus	1030 ksi	251 ksi	7012 MPa	1731 MPa
Thermal	Imperial		Metric	
Heat Deflection Temperature @ 264 psi	307°F		153°C	
Glass Transition Temperature	367°F		186°C	
Coefficient of Thermal Expansion	3.67E-6 /°F		6.53E-5 /°C	
Electrical				
Volume Resistivity	4.9E15 - 8.2E15 ohm-cm			
Dielectric Constant	3 - 3.2			
Dissipation Factor	0.0026 - 0.0027			
Dielectric Strength	110 - 290 V/mil			
Other				
Specific Gravity	1.34			
Rockwell Hardness	3 - 3.2			
Flame Classification	0.0026 - 0.0027			
Oxygen Index	0.49			
OSU Total Heat Release	16 kW min/m^2			
UL File Number	E345258			
Outgassing				
Total Mass Loss	0.41%			
Collected Volatile Condensable Material	-0.10%			
Water Vapor Recovered	-0.37%			
Fungus Resistance (Method 508.6)	Passed			
Heat Release	Passed			
NBS Smoke Density(flaming)	Passed			
NBS Smoke Density(non-flaming)	Passed			