

Typical Property Values

Property	Test Method	Unit	Value
Physical			
Density	D792	(lb/in ³) (g/cm ³)	0.065 1.80
Water Absorption	ASTM D1003	24 hrs (%)	0.20
Rockwell Hardness	ASTM D785	M	M112

Mechanical

Tensile Strength - lengthwise	ASTM D638	psi	43,000
Tensile Strength - crosswise	ASTM D638	psi	37,000
Flexural Strength -lengthwise	D790	psi	80,000
Flexural Strength -crosswise	D790	psi	70,000
Flexural Modulus -lengthwise	D790	Kpsi	3,000
Flexural Modulus -crosswise	D790	Kpsi	2,700
IZOD Notched Impact -lengthwise	D256	(ft-lb/in)	12.0
IZOD Notched Impact -crosswise	D256	(ft-lb/in)	9.0
Compressive Strength	D695	(psi)	63,000

Thermal

Coefficient of Thermal Expansion -lengthwise	ASTM D696	in/in/°F	0.72×10^{-5}
Coefficient of Thermal Expansion -crosswise	ASTM D696	in/in/°F	0.83×10^{-5}
Max Operating Temp (°F / °C)			329 / 165
Thermal Conductivity	C177	(BTU-in/ft ² -hr-°F)	2.0
Thermal Conductivity	C177	(x 10 ⁻⁴ cal/cm-sec-°C)	7.0
Flammability Rating			H-B
Heat Deflection Temperature	ASTM D648	°F	
@ 264 psi			260
@ 66 psi			280

Electrical

Dielectric Strength	D149		900
Dielectric Constant at 1 MHz	D150		4.5
Dissipation Factor at 1 MHz	D150		0.020
Arc Resistance (sec)	D495	(sec)	120