

Typical Property Values

Property	Test Method	Unit	Value
Physical			
Density	D792	(lb/in ³)	0.065
		(g/cm ³)	1.80
Water Absorption	ASTM D570	24 hrs (%)	0.10
Rockwell Hardness M	ASTM D785	M	105
Mechanical			
Tensile Strength at Break	ASTM D638	psi	20,000
Flexural Strength -lengthwise	D790	psi	30,000
Flexural Modulus -lengthwise	D790	Kpsi	1,600
IZOD Notched Impact -lengthwise	D256	(ft-lb/in)	13.0
Compressive Strength	D695	(psi)	50,000
Thermal			
Coefficient of Thermal Expansion -lengthwise	ASTM D696	in/in/ °F	7.20 µin/in- °F
Coefficient of Thermal Expansion -crosswise	ASTM D696	in/in/ °F	9.00 µin/in- °F
Max Operating Temp (°F / °C)			428 / 220
Thermal Conductivity	C177	(BTU-in/ft ² -hr- °F)	2.0
Thermal Conductivity	C177	(W/m-K)	.288
Flammability Rating	UL94		HB
Electrical			
Dielectric Strength	D149	kV/in	350
Dielectric Constant	D150	@Frequency 1e+6 Hz	4.5
Dissipation Factor	D150	@Frequency 1e+6 Hz	0.0180
Arc Resistance (sec)	D495	(sec)	240