

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	4068	MPa	ASTM D 638
Tensile Strength	26	MPa	ASTM D 638
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Break	1.4	%	ASTM D 638
Flexural Modulus	3103	MPa	ASTM D 790
Flexural Strength	37	MPa	ASTM D 790
Shore D Hardness	77	-	ASTM D 2240
Gardner Impact	4.47	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	42.7	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	123	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	63	E-6/K	ASTM D 696
DTUL @ 66 psi	179	°C	ASTM D 648
DTUL @ 264 psi	134	°C	ASTM D 648
<b>Other Standards<sup>[5]</sup></b>			
Specific Heat	695	J/(kg K)	ASTM E 1269

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	8.7	kV/mm	ASTM D 149
Surface Resistivity	3.2E11	Ohm	ASTM D 257
Volume Resistivity	3.2E11	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.22	%	ASTM D 570
Density	1490	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Processing

Additive Manufacturing

### Delivery form

Powder, White

### Special Characteristics

Heat stabilized or stable to heat

### Applications

Sports Equipment

### Regional Availability

North America, Europe, Asia Pacific