

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1793	MPa	ASTM D 638
Tensile Strength	45	MPa	ASTM D 638
Tensile Strength at Break	47	MPa	ASTM D 638
Elongation at Yield	14	%	ASTM D 638
Elongation at Break	22	%	ASTM D 638
Flexural Modulus	1655	MPa	ASTM D 790
Flexural Strength	63	MPa	ASTM D 790
Shore D Hardness	73	-	ASTM D 2240
Izod Impact notched, 1/8 in	44.8	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	646	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.05	mm	-
DTUL @ 66 psi	182	°C	ASTM D 648
DTUL @ 264 psi	97.2	°C	ASTM D 648
<b>Other Standards<sup>[5]</sup></b>			
Coefficient of Thermal Expansion, MD	110	E-6/K	ASTM E 831
Specific Heat	985	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	15.2	kV/mm	ASTM D 149
Surface Resistivity	4.66E15	Ohm	ASTM D 257
Volume Resistivity	1.46E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	950	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Processing

Additive Manufacturing

### Delivery form

Powder, White

### Certifications

Medical Grade, Biocompatibility ISO 10993

### Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical, Medical

### Regional Availability

North America, Europe, Asia Pacific