

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	5605	MPa	ASTM D 638
Tensile Strength	49.6	MPa	ASTM D 638
Elongation at Break	4.5	%	ASTM D 638
Flexural Modulus	4475	MPa	ASTM D 790
Flexural Strength	85.8	MPa	ASTM D 790
Shore D Hardness	75	-	ASTM D 2240
Gardner Impact	5.02	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	37.4	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	310	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	184	°C	ASTM D 648
DTUL @ 264 psi	179	°C	ASTM D 648
Other Standards^[5]			
Coefficient of Thermal Expansion, MD	139	E-6/K	ASTM E 831
Specific Heat	1040	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
ASTM Data			
Dielectric Strength, Short Time	18.5	kV/mm	ASTM D 149
Surface Resistivity	5.2E15	Ohm	ASTM D 257
Volume Resistivity	6.7E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Additive Manufacturing

Delivery form

Powder, White

Applications

Aircraft and Aerospace, Electrical and Electronical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific