

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4137	MPa	ASTM D 638
Tensile Strength	43.7	MPa	ASTM D 638
Elongation at Break	4.3	%	ASTM D 638
Flexural Modulus	5929	MPa	ASTM D 790
Flexural Strength	68.9	MPa	ASTM D 790
Shore D Hardness	73	-	ASTM D 2240
Izod Impact notched, 1/8 in	53.4	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			
DTUL @ 66 psi	183	°C	ASTM D 648
DTUL @ 264 psi	171	°C	ASTM D 648
Other Standards^{S1}			
Coefficient of Thermal Expansion, MD	84.6	E-6/K	ASTM E 831

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	16.5	kV/mm	ASTM D 149
Surface Resistivity	1.53E15	Ohm	ASTM D 257
Volume Resistivity	1.53E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics

Processing

Additive Manufacturing

Delivery form

Powder, White

Special Characteristics

Heat stabilized or stable to heat

Applications

Aircraft and Aerospace, Automotive, Electrical and Electrical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific