

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3723	MPa	ASTM D 638
Tensile Strength	45.2	MPa	ASTM D 638
Elongation at Break	2.8	%	ASTM D 638
Flexural Modulus	3103	MPa	ASTM D 790
Flexural Strength	61.6	MPa	ASTM D 790
Shore D Hardness	73	-	ASTM D 2240
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	207	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.05	mm	-
DTUL @ 66 psi	180	°C	ASTM D 648
DTUL @ 264 psi	129	°C	ASTM D 648
Other Standards^[5]			
Coefficient of Thermal Expansion, MD	84.6	E-6/K	ASTM E 831
Specific Heat	798	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	18.1	kV/mm	ASTM D 149
Surface Resistivity	2.76E14	Ohm	ASTM D 257
Volume Resistivity	7.2E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1330	kg/m ³	ASTM D 792

Characteristics

Processing

Additive Manufacturing

Special Characteristics

Heat stabilized or stable to heat

Applications

Aircraft and Aerospace, Automotive

Regional Availability

North America, Europe, Asia Pacific