

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2006	MPa	ASTM D 638
Tensile Strength	44.9	MPa	ASTM D 638
Elongation at Break	8	%	ASTM D 638
Flexural Modulus	1717	MPa	ASTM D 790
Flexural Strength	61.4	MPa	ASTM D 790
Shore D Hardness	77	-	ASTM D 2240
Izod Impact notched, 1/8 in	26.7	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	278	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	5.08	mm	-
DTUL @ 66 psi	180	°C	ASTM D 648
DTUL @ 264 psi	93.9	°C	ASTM D 648
Other Standards^{S1}			
Coefficient of Thermal Expansion, MD	137	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	17.4	kV/mm	ASTM D 149
Surface Resistivity	1.11E13	Ohm	ASTM D 257
Volume Resistivity	3.61E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.1	%	ASTM D 570
Density	1030	kg/m ³	ASTM D 792

Characteristics

Processing

Additive Manufacturing

Delivery form

Powder, White

Special Characteristics

Flame retardant, Halogen-free

Features

Low Smoke

Applications

Aircraft and Aerospace, Automotive, Electrical and Electrical

Regional Availability

North America, Europe, Asia Pacific