

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4344	MPa	ASTM D 638
Tensile Strength	36.9	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	3709	MPa	ASTM D 790
Flexural Strength	63.8	MPa	ASTM D 790
Shore D Hardness	78	-	ASTM D 2240
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	256	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	182	°C	ASTM D 648
DTUL @ 264 psi	174	°C	ASTM D 648
Other Standards^{S1}			
Coefficient of Thermal Expansion, MD	146	E-6/K	ASTM E 831
Specific Heat	905	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	3.03	kV/mm	ASTM D 149
Surface Resistivity	1.33E13	Ohm	ASTM D 257
Volume Resistivity	1.09E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.25	%	ASTM D 570
Density	1310	kg/m ³	ASTM D 792

Characteristics

Processing

Additive Manufacturing

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive