

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	7900 ^[1]	MPa	ASTM D 638
Tensile Strength	85 ^[1]	MPa	ASTM D 638
Elongation at Break	4 ^[1]	%	ASTM D 638
Flexural Modulus	9170 ^[1]	MPa	ASTM D 790
Izod Impact notched, 1/8 in	84 ^[1]	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	161 ^[1]	J/m	ASTM D 256

1: XY-axis

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	179	°C	ASTM D 648
DTUL @ 264 psi	173	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ASTM D 792
Bulk Density	410	kg/m ³	-

Characteristics

Processing

Additive Manufacturing, Laser Sintering

Delivery form

Powder

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Applications

Sports Equipment

Regional Availability

North America, Europe, Asia Pacific