

Performance		Metric	Imperial	Testing Standard
General Properties				
Bulk Density		0.4 g/cm³	0.014 lb/in³	
Density of Parts		0.95 g/cm³	0.034 lb/in³	
Thermal Properties				
Melting Point		183 °C	361 °F	
Heat Deflection Temperature (HDT)	1.8 Mpa	58.2 °C	136.7 °F	GB/T 1040.2-2006
	0.45 Mpa	145.8 °C	294.4 °F	GB/T 1040.2-2006
Mechanical Properties				
Tensile Strength		48.1 Mpa	6974 psi	GB/T 1040.2-2006
Tensile Modulus		1646 Mpa	238 ksi	GB/T 1040.2-2006
Elongation at Break		38 %	38 %	GB/T 1040.2-2006
Flexural Strength		43.5 Mpa	6307 psi	GB/T 1040.2-2006
Flexural Modulus		1431 Mpa	207 ksi	GB/T 1040.2-2006
Impact Strength (notched Izod)		3.6 KJ/m²	1.71 ft-lb/in²	GB/T 1843-2008
Impact Strength (unnotched Izod)		17.8 KJ/m²	8.46 ft-lb/in²	GB/T 1843-2008