

Performance		Metric	Imperial	Testing Standard
<b>General Properties</b>				
Bulk Density		0.67 g/cm <sup>3</sup>	0.024 lb/in <sup>3</sup>	
Density of Parts		1.26 g/cm <sup>3</sup>	0.046 lb/in <sup>3</sup>	
<b>Thermal Properties</b>				
Melting Point		184 °C	363 °F	
Heat Deflection Temperature (HDT)	1.8 Mpa	88 °C	190 °F	GB/T 1634.2-2000
	0.45 Mpa	162 °C	324 °F	GB/T 1634.2-2000
<b>Mechanical Properties</b>				
Tensile Strength		44 Mpa	6380 psi	GB/T 1040.2-2006
Tensile Modulus		3500 ~ 7800 Mpa	507 - 1131 ksi	GB/T 1040.2-2006
Elongation at Break		5 %	5 %	GB/T 1040.2-2006
Flexural Strength		68 Mpa	9860 psi	GB/T 1040.2-2006
Flexural Modulus		2415 Mpa	350 ksi	GB/T 1040.2-2006
Impact Strength (notched Izod)		4.13 KJ/m <sup>2</sup>	1.96 ft-lb/in <sup>2</sup>	GB/T 1843-2008
Impact Strength (unnotched Izod)		19.28 KJ/m <sup>2</sup>	9.17 ft-lb/in <sup>2</sup>	GB/T 1843-2008