



General Properties

Bulk Density	0.48 g/cm ³	0.67 g/cm ³	0.52 g/cm ³	0.51 g/cm ³	0.55 g/cm ³	0.46 g/cm ³
Density of Parts	0.95 g/cm ³	1.26 g/cm ³	1.14 g/cm ³	1.08 - 1.10 g/cm ³	1.20 g/cm ³	1.2 g/cm ³
Color	white	gray	pale yellow	black	light gray	white

Thermal Properties

Melting Point	183 °C	184 °C	222°C	184 °C	183 °C	160 °C
Heat Deflection Temp(HDT) 1.8 MPa <small>GB/T 1634.2-2004</small>	83.5 °C	88 °C	99 °C	72 °C	129 °C	n/a
Heat Deflection Temp(HDT) 0.45 MPa <small>GB/T 1634.2-2004</small>	146.2 °C	162 °C	n/a	168 °C	171 °C	n/a

Mechanical Properties

Tensile Strength <small>GB/T1040.2-2006</small>	46 MPa	44 MPa	75 MPa	65-70 MPa	51 MPa	20 MPa
Tensile Modulus <small>GB/T1040.2-2006</small>	1602 MPa	3500 ~ 7800 MPa	3750 MPa	4700 - 6500 MPa	6130 MPa	n/a
Elongation at Break <small>GB/T1040.2-2006</small>	36 %	5 %	4.5 %	3.0 - 4.0 %	5 %	520 %
Flexural Strength <small>GB/T 9341-2008</small>	46.3 MPa	68 MPa	110 MPa	94 - 113 MPa	76 MPa	n/a
Flexural Modulus <small>GB/T 9341-2008</small>	1300 MPa	2415 MPa	3200 MPa	4500 - 5600 MPa	4633 MPa	27 MPa
Impact Strength (notched Izod) <small>GB/T 1843-2008</small>	4.9 KJ/m ²	4.13 KJ/m ²	3.0 KJ/m ²	4.3 KJ/m ²	5.59 KJ/m ²	n/a
Impact Strength (unnotched Izod) <small>GB/T 1843-2008</small>	13.2 KJ/m ²	19.28 KJ/m ²	9 KJ/m ²	16 KJ/m ²	20.78 KJ/m ²	n/a