

<b>PHYSICAL PROPERTIES</b>	<b>TEST METHOD</b>	<b>UNITS</b>	<b>TYPICAL VALUE</b>
Density	ISO 1183, Crystalline	g/cm <sup>3</sup>	1.30
Glass transition temperature	ISO 11357	°C	143
Melting Point	ISO 11357	°C	343
Heat Deflection Temperature	ISO 75-f, 1.8 MPa	°C	152
Thermal Conductivity	ISO 22007-4, 23°C	W m <sup>-1</sup> K <sup>-1</sup>	0.29
Melt index	ISO 1133, 380°C, 5 kg	g/10min	14
Shore D Hardness	ISO 868, 23°C	-	85
Water Absorption by immersion (3.2mm thick Tensile Bar)	ISO 62-1, 24h, 23°C	%	0.07
	Equilibrium, 23°C	%	0.4

<b>MECHANICAL PROPERTIES<sup>1</sup></b>	<b>TEST METHOD</b>	<b>UNITS</b>	<b>TYPICAL VALUE</b>
Tensile strength	ISO 527	MPa	99.9
Young's modulus	ISO 527	MPa	3738
Elongation at break	ISO 527	%	9.1
Flexural strength	ISO 178	MPa	147.0
Flexural modulus	ISO 178	MPa	3612
Impact strength	ISO 179, Notched	kJ/m <sup>2</sup>	7.1