

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3</b>	g/10min	ASTM D 1238
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>2410</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>60</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>72</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Elongation at Break	<b>150</b>	%	ASTM D 638
Flexural Modulus	<b>2410</b>	MPa	ASTM D 790
Flexural Strength	<b>96</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>950</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>N</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>68</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>146<sup>[ann.]</sup></b>	°C	ASTM D 648
DTUL @ 264 psi	<b>132</b>	°C	ASTM D 648
Vicat Temperature	<b>151</b>	°C	ASTM D 1525
Limiting Oxygen Index	<b>26</b>	%	ASTM D 2863

ann.: annealed

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	<b>1.1</b>	%	ASTM D 1003
Light Transmittance	<b>89</b>	%	ASTM D 1003
Index of Refraction	<b>1.59</b>	-	ASTM D 542

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.15</b>	%	ASTM D 570
Water Absorption, Equilibrium	<b>0.32</b>	%	ASTM D 570
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics**

**Processing**

Other Extrusion

**Special Characteristics**

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

**Features**

Melt Strength

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America