

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.014</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>1862</b>	MPa	ASTM D 638
Tensile Strength	<b>49.6</b>	MPa	ASTM D 638
Elongation at Break	<b>60</b>	%	ASTM D 638
Flexural Modulus	<b>1744</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>859</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>181</b>	J/m	ASTM D 256
Temperature	<b>-40</b>	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>60</b>	°C	ASTM D 648
Melting Temperature	<b>258</b>	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	<b>1080</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>65 - 82</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.2</b>	%	-
Melt temperature	<b>282 - 304</b>	°C	-
Mold temperature	<b>49 - 93</b>	°C	-
Zone 1	<b>260 - 282</b>	°C	-
Zone 2	<b>271 - 293</b>	°C	-
Zone 3	<b>282 - 304</b>	°C	-
Nozzle temperature	<b>279 - 301</b>	°C	-
Injection pressure	<b>7 - 15</b>	MPa	-
Back pressure	<b>0 - 50</b>	MPa	-
Holding pressure	<b>5 - 12</b>	MPa	-
Maximum residence time	<b>6</b>	min	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Applications**

Automotive, General Purpose

**Regional Availability**

North America