

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>10</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 Strength at Yield	<b>62.1</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>55.8</b>	MPa	ASTM D 638
Elongation at Yield	<b>7</b>	%	ASTM D 638
Elongation at Break	<b>90</b>	%	ASTM D 638
Flexural Modulus	<b>2241</b>	MPa	ASTM D 790
Flexural Strength	<b>91</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M70</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>801</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>3</b>	mm	-
DTUL @ 264 psi	<b>132</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.15</b>	%	ASTM D 570
Density	<b>1210</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>121</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Melt temperature	<b>293 - 316</b>	°C	-
Mold temperature	<b>71.1 - 93.3</b>	°C	-
Zone 1	<b>271 - 293</b>	°C	-
Zone 2	<b>282 - 304</b>	°C	-
Zone 3	<b>293 - 316</b>	°C	-
Nozzle temperature	<b>288 - 310</b>	°C	-
Screw speed	<b>40 - 70</b>	rpm	-
Back pressure	<b>0.345 - 0.689</b>	MPa	-

## Characteristics

### Processing

Injection Molding

### Features

Low Odor

### Delivery form

Pellets

### Regional Availability

North America

### Special Characteristics

Flame retardant, High impact or impact modified