

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Tensile Modulus	9100	MPa	ISO 527
Yield stress	125	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	7790	MPa	ISO 178
Izod notched impact strength, +23°C	2.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Rockwell Hardness	R124	-	ASTM D 785
Izod Impact notched, 1/8 in	1.44	J/m	ASTM D 256
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Melting temperature, 10°C/min	321	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	318	°C	ISO 75-1/-2
<b>Other properties</b>			
Value	Unit	Test Standard	
Density	1500	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	0.24	%	ASTM D 570
<b>Processing Recommendation Injection Molding</b>			
Value	Unit	Test Standard	
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.045	%	-
Melt temperature	321 - 343	°C	-
Mold temperature	135	°C	-
Zone 1	304 - 318	°C	-
Zone 2	316 - 329	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, White

**Features**

Color Stability, High Crystallinity

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa