

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Tensile Strength at Break	72.4	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	140	%	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Flexural Strength	96.5	MPa	ASTM D 790
Rockwell Hardness	M70	-	ASTM D 785
Izod Impact notched, 1/8 in	961	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	141	°C	ASTM D 648
DTUL @ 264 psi	135	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	1	%	ASTM D 1003
Light Transmittance	88	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	118 - 124	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	316 - 343	°C	-
Mold temperature	82.2 - 116	°C	-
Zone 1	293 - 316	°C	-
Zone 2	304 - 327	°C	-
Zone 3	316 - 338	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Certifications

Food contact, Food approval FDA 21 CFR

### Applications

General Purpose

### Regional Availability

North America