

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	2.1	%	ISO 294-4, 2577
Molding shrinkage, normal	2.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3000	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Strain at break	14.1	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	93	MPa	ISO 178
Charpy impact strength, +23°C	113	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	72	°C	ISO 11357-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1270	kg/m <sup>3</sup>	ISO 1183
Bulk density	720	kg/m <sup>3</sup>	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	90 - 150	°C	-
Zone 1	260 - 310	°C	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Features

Metal Detectable

### Chemical Resistance

Radiation Resistance

### Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

### Regional Availability

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