

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	19000	MPa	ISO 527
Yield stress	230	MPa	ISO 527
Strain at break	3.8	%	ISO 527
Flexural modulus, 23°C	17000	MPa	ISO 178
Izod impact strength, +23°C	95	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	20	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	213	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	222	°C	ISO 75-1/-2
ASTM Data			
Glass Transition Temperature	55	°C	ASTM E 1356
Other properties			
Density	1550	kg/m ³	ISO 1183
Biobased content	27	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.09	%	-
Melt temperature	280 - 330	°C	-
Mold temperature	80 - 130	°C	-
Zone 1	265 - 300	°C	-
Zone 2	280 - 330	°C	-
Zone 3	280 - 330	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, White

Special Characteristics

Platable, High impact or impact modified

Features

Low Warpage

Certifications

Contains renewable resources

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific