

**Product Texts**

Compostable alternative to plastic.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	210	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Stress at break	38	MPa	ISO 527
Strain at break	13	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	52	MPa	ISO 178
Charpy impact strength, +23°C	107	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	13	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	81	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 180/1A

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	71	°C	ISO 75-1/-2
Vicat softening temperature, B	58	°C	ISO 306

**Other properties**

	Value	Unit	Test Standard
Density	1290	kg/m <sup>3</sup>	ISO 1183

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Processing humidity	≤0.05	%	-
Melt temperature	210 - 220	°C	-
Mold temperature	55 - 60	°C	-
Feed temperature	40 - 50	°C	-
Zone 1	180 - 190	°C	-
Zone 2	190 - 200	°C	-
Zone 3	200 - 210	°C	-
Nozzle temperature	210 - 220	°C	-

**Processing Recommendation Extrusion**

	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Processing humidity	≤0.05	%	-
Feed temperature	40 - 50	°C	-
Zone 1	200 - 215	°C	-
Zone 2	210 - 225	°C	-
Zone 3	215 - 230	°C	-
Nozzle temperature	215 - 230	°C	-

**Characteristics**

**Processing**

Injection Molding, Film Extrusion, Sheet Extrusion

**Delivery form**

Pellets, Natural Color

**Special Characteristics**

Transparent

**Certifications**

Contains renewable resources, Biodegradable, Food contact

**Applications**

Packaging

**Regional Availability**

North America, Europe, Asia Pacific