

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8200	MPa	ISO 527
Tensile Strength	160	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183
Biobased content	60	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	260 - 310	°C	-
Mold temperature	70 - 100	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	220 - 300	°C	-
Nozzle temperature	240 - 295	°C	-
Back pressure	5 - 15	MPa	-
Holding pressure	30 - 80	MPa	-

Characteristics

Processing

Injection Molding

Certifications

Contains renewable resources, Food contact, Food approval 10/2011

Applications

Packaging, Sports Equipment

Regional Availability

Europe