

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3400	MPa	ISO 527
Tensile Strength	85	MPa	ISO 527
Strain at break	5	%	ISO 527
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	1130	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

Applications

Packaging, Sports Equipment

Certifications

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

Regional Availability

Europe