

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	70	MPa	ISO 527
Strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Density	1080	kg/m ³	ISO 1183
Biobased content	60	%	-
Moisture Content	0.1	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	<330	°C	-
Mold temperature	75 - 100	°C	-
Zone 1	220 - 300	°C	-
Zone 2	220 - 300	°C	-
Zone 3	220 - 300	°C	-
Nozzle temperature	240 - 295	°C	-

Characteristics

Processing

Injection Molding

Applications

Packaging

Certifications

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

Regional Availability

Europe