

Product Texts

Monomer and additives are listed as authorized monomers/additives In Annex I of regulations (EC) No. 10/2011.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527
Tensile Strength	85	MPa	ISO 527
Yield strain	5	%	ISO 527
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A

Other properties

	Value	Unit	Test Standard
Water absorption	9	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.15	%	-
Mold temperature	70 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	265 - 280	°C	-
Zone 2	270 - 300	°C	-
Zone 3	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Certifications

Food contact, Food approval 10/2011, Drinking water contact

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa