

Product Texts

Medium viscosity PA6.6, 10% glasfibre and 20% glassbeads reinforced, high rigidity.
For short molding cycle, with balanced shrinkage characteristics by good removal.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6200	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	32	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	225	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	6.5	%	Sim. to ISO 62
Humidity absorption	1.8	%	Sim. to ISO 62
Density	1360	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	≤0.1	%	-
Mold temperature	40 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	260 - 290	°C	-
Nozzle temperature	270 - 300	°C	-
Maximum residence time	8	min	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Features

Low Warpage