

Product Texts

30 % glass beads reinforced Polyamide 6.6, medium viscosity.

Warp-free, accurate dimensionally moulding parts, well balanced shrinkage characteristics.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Tensile Strength	85	MPa	ISO 527
Yield stress	90	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	5	%	ISO 527
Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	195	°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	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe