

Product Texts

Medium-viscosity 30 % glass fibre reinforced Polyamide 6.6, industrial grade.
Stiff moulding parts, good stability at increased temperatures.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8200	MPa	ISO 527
Tensile Strength	150	MPa	ISO 527
Yield stress	160	MPa	ISO 527
Yield strain	2	%	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	220	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe