

Product Texts

Standard quality PA 6.6, medium viscosity, 30% glassfiber reinforced.
Moulding parts of high rigidity and good heat resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9700	MPa	ISO 527
Tensile Strength	175	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	70	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	230	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240	°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	6.1	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe