

Product Texts

Medium viscosity Polyamide 6, 50% glass fibre reinforced.
 For Moulding parts of very high stiffness combined with good impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16000	MPa	ISO 527
Stress at break	215	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	16	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	4.5	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1560	kg/m ³	ISO 1183

Characteristics

Regional Availability

Europe