

Product Texts

Medium viscosity Polyamide 6, 30% glassfiber reinforced, good flowability, good impact resistance and bright natural colour. For moulding parts with high stiffness and good impact resistance.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Tensile Strength	180	MPa	ISO 527
Yield stress	180	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	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	210	°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	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	6.3	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe