

Product Texts

Medium viscosity PA6 industrial quality with 30% glass fibre reinforcement.
For all kind of injection moldings parts.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8400	MPa	ISO 527
Tensile Strength	115	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	185	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200	°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	1.8	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe