

Product Texts

Unfilled Polyamide 6, dry impact modified with good flowability.
Moulding parts with high impact strength.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Yield stress	70	MPa	ISO 527
Yield strain	5	%	ISO 527
Strain at break	25	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	175	°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	9	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1120	kg/m ³	ISO 1183

Characteristics

Special Characteristics

High impact or impact modified

Regional Availability

Europe