

Product Texts

Medium viscose Polyamide 6.6, good flowability, good impact strength.
For long moulding parts, short cycletime, good demoulding.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3100	MPa	ISO 527
Tensile Strength	90	MPa	ISO 527
Yield stress	90	MPa	ISO 527
Yield strain	4	%	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	6	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	225	°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			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	8.5	%	Sim. to ISO 62
Humidity absorption	2.3	%	Sim. to ISO 62
Density	1140	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Special Characteristics

High impact or impact modified