

Product Texts

Medium viscosity PA66 standard quality with 40% GF reinforced and 15% PTFE.
For all kind of moulding parts with high stiffness and very good anti friction properties.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13000	MPa	ISO 527
Tensile Strength	190	MPa	ISO 527
Stress at break	195	MPa	ISO 527
Strain at break	1.6	%	ISO 527
Charpy impact strength, +23°C	83	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	225	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	235	°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	4.4	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1580	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Mold temperature	40 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	250 - 280	°C	-
Nozzle temperature	270 - 290	°C	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Delivery form

Pellets

Regional Availability

Europe