TEREZ® PA 6.6 7750 TD SF

PA66 Ter Plastics

Product Texts

Dry impact modified Polyamide 6.6 with very good
flowability and good demouldability.
For all kind of moulding parts with increased demand of Impact resistance.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**140**	g/10min	ISO 1133
Temperature	**275**	°C	-
Load	**5**	kg	-

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	**2500 / 1150**	MPa	ISO 527
Yield stress	**65 / 40**	MPa	ISO 527
Yield strain	**4 / 20**	%	ISO 527
Strain at break	**24 / -**	%	ISO 527
Charpy impact strength, +23°C	**N / -**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**11 / 20**	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	**5 / -**	kJ/m²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**65 / ***	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**170 / ***	°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	dry / cond	Unit	Test Standard
Water absorption	**7.3 / ***	%	Sim. to ISO 62
Humidity absorption	**2 / ***	%	Sim. to ISO 62
Density	**1120 / -**	kg/m³	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	**260 - 290**	°C	-
Nozzle temperature	**270 - 300**	°C	-
Maximum residence time	**8**	min	-

Characteristics

Processing
Injection Molding

Special Characteristics
High impact or impact modified

Delivery form
Pellets

Regional Availability
Europe

Additives
Release agent