TEREZ® GT3X 300 H G60

(PA66+PA6I/6T)-GF60 Ter Plastics

Product Texts

Partially aromatic PA66 blend with 60% glass fiber proportions and heat stabilized. The product tends to reduced warpage and has improved flow characteristics.
For injection-moulded components with high requirements to isotropic strength properties.

preliminary data

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	**21500 / 20500**	MPa	ISO 527
Stress at break	**260 / 250**	MPa	ISO 527
Strain at break	**2 / 2**	%	ISO 527
Charpy impact strength, +23°C	**85 / 85**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**18 / 18**	kJ/m²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**260 / ***	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**244 / ***	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**255 / ***	°C	ISO 75-1/-2
Vicat softening temperature, B	**210 / ***	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10
Thickness tested	**1.6 / ***	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	**1E12 / -**	Ohm*m	IEC 62631-3-1
Electric strength	**33 / -**	kV/mm	IEC 60243-1
Comparative tracking index	**600 / -**	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	**3.5 / ***	%	Sim. to ISO 62
Humidity absorption	**1.2 / ***	%	Sim. to ISO 62
Density	**1680 / -**	kg/m³	ISO 1183

Characteristics

Special Characteristics

Heat stabilized or stable to heat

Features

Low Warpage

Regional Availability

Europe