

TECHNICAL DATA SHEET

TEREZ® GT3 300 H G50

TEREZ PERFORMANCE POLYMERS
(PA66+PA6I/6T)-GF50

Special Characteristics

Heat stabilized or stable to heat

Product Text
Product Information

PA66 Blend with partial aromatic share, 50% glass fiber content and heat stabilizer.
For all kind of injection molding parts with high requirements on strength.

Mechanical Properties	Value	Unit	Standard
Tensile modulus	17500	MPa	ISO 527
Stress at break	245	MPa	ISO 527
Strain at break	3	%	ISO 527
Poisson's ratio	0.35		ISO 527
Charpy impact strength, +23°C	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	17	kJ/m ²	ISO 179/1eA
Thermal Properties	Value	Unit	Standard
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
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	
Electrical Properties	Value	Unit	Standard
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	Value	Unit	Standard
Water absorption	4	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62

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Other Properties	Value	Unit	Standard
Density	1570	kg/m ³	ISO 1183