

TECHNICAL DATA SHEET

TEREZ® GT2 300 H G50

TEREZ PERFORMANCE POLYMERS

PAMXD6-GF50

Special Characteristics

Heat stabilized or stable to heat

Product Text
Product Information

Polyarylamide with 50% glass fiber reinforcement and heat stabilization.

For all kind of injection molding parts.

preliminary data

Mechanical Properties	Value	Unit	Standard
Tensile modulus	20000	MPa	ISO 527
Stress at break	280	MPa	ISO 527
Strain at break	2	%	ISO 527
Poisson's ratio	0.35		ISO 527
Charpy impact strength, +23°C	65	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	237	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	230	°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
Electric strength	31	kV/mm	IEC 60243-1
Comparative tracking index	570		IEC 60112
Other Properties	Value	Unit	Standard
Water absorption	1.5	%	Sim. to ISO 62
Humidity absorption	0.16	%	Sim. to ISO 62

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Other Properties	Value	Unit	Standard
Density	1640	kg/m ³	ISO 1183