

TEREZ PA 6 7400 GF 10 GK 20

Polyamide 6
TER HELL PLASTIC GMBH

Message:

Medium viscosity Polyamide 6, 10% glassfiber and 20% glassbeads reinforced.
For all kind application with high stiffness and dimensional accuracy, as well as low tendency to warp.

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
	Glass Fiber,10% Filler by Weight		
Features	Good Dimensional Stability		
	High Stiffness		
	Low Warpage		
	Medium Viscosity		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6100	MPa	ISO 527-2
Tensile Stress (Yield)	125	MPa	ISO 527-2
Tensile Strain (Yield)	2.0	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	110	kN/m	ISO 34-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	400	V	IEC 60112

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