

TEREZ PA 6 7500 GF 20 GK 10

Polyamide 6
TER HELL PLASTIC GMBH

Message:
Medium viscosity PA6, 20% glassfiber and 10% glassbead reinforced.
For all kind of moulding parts with high stiffness and low tendency to warp.

General Information			
Filler / Reinforcement	Glass Bead,10% Filler by Weight		
	Glass Fiber,20% Filler by Weight		
Features	High Stiffness		
	Low Warpage		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500	MPa	ISO 527-2
Tensile Stress (Break)	130	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	2.0	%	
Break	3.0	%	
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)	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	225	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A

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