

TEREZ PA 6 7510 GF 15 GK 15

Polyamide 6
TER HELL PLASTIC GMBH

Message:
PA 6 standard type with medium viscosity with 15% glass fiber and 15% glass beads filled
For low distortion molding parts

General Information			
Filler / Reinforcement	Glass Bead,15% Filler by Weight		
	Glass Fiber,15% Filler by Weight		
Features	Low Warpage		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6800	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	105	MPa	
Break	103	MPa	
Tensile Strain			ISO 527-2
Yield	1.6	%	
Break	2.5	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	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	200	°C	ISO 75-2/B
1.8 MPa, Unannealed	165	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	550	V	IEC 60112

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