

TEREZ PA 6 7500 GF 50

Polyamide 6
TER HELL PLASTIC GMBH

Message:

Medium viscosity Polyamide 6, 50% glassfiber reinforced.
For Molding parts of very high stiffness combined with good impact strength.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Good Impact Resistance		
	High Stiffness		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.56	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15000	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)	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	90	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	210	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	500	V	IEC 60112

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