

TEREZ PA 6 7510 GF20

Polyamide 6
TER HELL PLASTIC GMBH

Message:
Medium viscosity PA6 with 20% glass fibre reinforcement.
For moulding parts with high rigidity.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Stiffness		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6500	MPa	ISO 527-2
Tensile Stress (Yield)	140	MPa	ISO 527-2
Tensile Strain (Yield)	2.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	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

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