

TEREZ PA 6 7510 GF 10

Polyamide 6
TER HELL PLASTIC GMBH

Message:
PA6, medium viscosity, 10% glass fibre reinforced
For all kind of injection moulded parts with high stiffness.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	High Stiffness		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5000	MPa	ISO 527-2
Tensile Stress (Yield)	105	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	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	185	°C	ISO 75-2/B
1.8 MPa, Unannealed	160	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+17	ohms · cm	IEC 60093
Comparative Tracking Index	550	V	IEC 60112

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