

TEREZ PA 6 7510 GF 35

Polyamide 6
TER HELL PLASTIC GMBH

Message:
Medium Polyamide 6, 35% glass fibre reinforced.
Moulding parts of good stiffness and impact strength.

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Features	Good Impact Resistance		
	Good Stiffness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress (Yield)	180	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	60	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	210	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+17	ohms·cm	IEC 60093
Comparative Tracking Index	550	V	IEC 60112

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