

TEREZ PA 6 7500 GF 35

Polyamide 6

TER HELL PLASTIC GMBH

Message:

Medium viscosity Polyamide 6, 35% glassfiber reinforced.
For moulding parts with very high stiffness and good impact resistance.

General Information				
Filler / Reinforcement	Glass Fiber,35% Filler by Weight			
Features	Good Impact Resistance High Stiffness Medium Viscosity			
Processing Method	Injection Molding			
Physical	Dry	Conditioned	Unit	Test Method
Density	1.41	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	10500	7400	MPa	ISO 527-2
Tensile Stress (Yield)	185	--	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	--	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	25	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	80	100	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	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

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