

TEREZ PA 6 7400 GK 50

Polyamide 6
TER HELL PLASTIC GMBH

Message:

Medium viscosity PA6, 50% glassfiber reinforced, increased dimensional accuracy, good flowability, good impact resistance and bright natural colour. For dimensionally stable moulding parts, short cycletime, balanced shrinkage characteristics and very low warpage.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Fast Molding Cycle		
	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Low Warpage		
	Medium Viscosity		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Tensile Stress (Yield)	95.0	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	200	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ISO 75-2/A

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