

TEREZ PA 6 7850 T GK 30

Polyamide 6
TER HELL PLASTIC GMBH

Message:
Medium viscosity PA6, 30% glass beads reinforced and impact resistant modification.
For dimensionally accurate, low warpage parts with balanced shrinkage characteristics.

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	Impact Modifier		
Features	Good Dimensional Stability		
	Impact Modified		
	Low Warpage		
	Medium Viscosity		

Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	ISO 1183

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	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	165	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A

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