

TEREZ PBT 6750 T GF 30

Polybutylene Terephthalate

TER HELL PLASTIC GMBH

Message:

Impact modified PBT, 30% glass fibre reinforced.
For injection moulded parts with a demand on impact resistance and thermal stability.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Features	Good Impact Resistance		
	Good Thermal Stability		
	Impact Modified		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8000	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	18	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	68	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	196	°C	ISO 75-2/B
1.8 MPa, Unannealed	186	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+17	ohms·cm	IEC 60093
Comparative Tracking Index	450	V	IEC 60112

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