

TEREZ PA 6.6 HT 8500 GF 50 HY

Polyamide 66
TER HELL PLASTIC GMBH

Message:
PA66 with partially aromatic content, 50 % glass fibre reinforcement as well as heat and hydrolysis stabilisation.
For injection moulding parts with high stiffness, good heat resistance and low water absorption.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
	Hydrolysis Resistant		
Features	Aromatic		
	Heat Stabilized		
	High Heat Resistance		
	High Stiffness		
	Low to No Water Absorption		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17000	MPa	ISO 527-2
Tensile Stress (Break)	235	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	1.5	%	
Break	2.5	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	88	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	265	°C	ISO 75-2/B
1.8 MPa, Unannealed	245	°C	ISO 75-2/A

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