

TEREZ PPA 7500 GF 50 H

Polyphthalamide
TER HELL PLASTIC GMBH

Message:

Standard type with medium viscosity partly aromatic Polyamid 50% reinforced and heat stabilization
For all kind of injection moulding parts with high stiffness superior thermostability and less moisture absorption.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
Features	Aromatic		
	Good Thermal Stability		
	Heat Stabilized		
	High Stiffness		
	Low Moisture Absorption		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.60	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	3.9	%	
Equilibrium, 23°C, 50% RH	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17000	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	265	MPa	
Break	250	MPa	
Tensile Strain			ISO 527-2
Yield	1.0	%	
Break	1.8	%	
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)	85	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	245	°C	ISO 75-2/A
Melting Temperature ¹	295	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flammability Classification (1.60 mm)	HB		IEC 60695-11-10, -20
NOTE			

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