

TEREZ PPA 7500 GF 60 H

Polyphthalamide
TER HELL PLASTIC GMBH

Message:
Medium viscosity partly aromatic polyamide with 60% glass fibre reinforcement as well as heat stabilisation.
For all kind of parts with high stiffness and less water absorption.

General Information			
Filler / Reinforcement	Glass Fiber,60% Filler by Weight		
Additive	Heat Stabilizer		
Features	Aromatic		
	Heat Stabilized		
	High Stiffness		
	Low to No Water Absorption		
	Medium Viscosity		
Physical	Nominal Value	Unit	Test Method
Density	1.70	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	2.8	%	
Equilibrium, 23°C, 50% RH	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	21400	MPa	ISO 527-2
Tensile Stress (Break)	250	MPa	ISO 527-2
Tensile Strain (Break)	1.8	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	270	°C	ISO 75-2/B
1.8 MPa, Unannealed	260	°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			
1.	10°C/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT