

# TEREZ PA 6 7500 TF 20 GF 20

Polyamide 6  
TER HELL PLASTIC GMBH

Message:  
Medium viscosity PA6, 20% PTFE chemically bonded and 20% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.  
For moulding parts with increased stiffness and slide loading.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	PTFE Lubricant (20%)		
Features	Chemically Coupled		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6800	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	2.0	%	
Break	2.0	%	
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	140	kN/m	ISO 34-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	80	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B50

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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

