

TEREZ PA 6 7510 GF 50

Polyamide 6
TER HELL PLASTIC GMBH

Message:
Medium viscosity Polyamide 6, 50% glassfiber reinforced, good flowability, good impact resistance and bright natural colour.
For moulding parts with very high stiffness and good impact strength.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Good Flow		
	Good Impact Resistance		
	High Stiffness		
	Medium Viscosity		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.55	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14800	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	210	MPa	
Break	190	MPa	
Tensile Strain (Yield)	2.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	16	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	75	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	205	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112

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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

