

TEREZ PA 6.6 7500 GF30 HY

Polyamide 66
TER HELL PLASTIC GMBH

Message:

Medium viscosity standard PA66, 30% glasfiber reinforced, good flowability, heat stabilized and hydrolysis stabilized
For all kind of moulding parts with high stiffness at good heat resistance.

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Additive		Heat Stabilizer		
		Hydrolysis Resistant		
Features		Good Flow		
		Heat Stabilized		
		High Heat Resistance		
		High Stiffness		
		Medium Viscosity		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.37	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	10000	7500	MPa	ISO 527-2
Tensile Stress (Break)	190	--	MPa	ISO 527-2
Tensile Strain (Break)	3.0	4.0	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	78	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	255	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	245	--	°C	ISO 75-2/A
Electrical	Dry	Conditioned	Unit	Test Method
Comparative Tracking Index	550	--	V	IEC 60112

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