

TEREZ PA 6.6 7510 GF 50

Polyamide 66
TER HELL PLASTIC GMBH

Message:
PA66 with medium viscosity, 50% glassfiber reinforced and UV resistant
For moulding parts with very high stiffness at good thermal stability.

General Information				
Filler / Reinforcement		Glass Fiber,50% Filler by Weight		
Features		Good Thermal Stability		
		Good UV Resistance		
		High Stiffness		
		Medium Viscosity		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.56	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	15900	10000	MPa	ISO 527-2
Tensile Stress (Break)	185	--	MPa	ISO 527-2
Tensile Strain				ISO 527-2
Yield	1.0	--	%	
Break	1.5	3.0	%	
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	10	--	kJ/m ²	
23°C	12	18	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	75	85	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	240	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	230	--	°C	ISO 75-2/A
Vicat Softening Temperature	230	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	--	ohms · cm	IEC 60093
Dissipation Factor (1 MHz)	0.015	--		IEC 60250

Comparative Tracking				
Index	500	--	V	IEC 60112

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