

TEREZ PA 6.6 7610

Polyamide 66
TER HELL PLASTIC GMBH

Message:
Medium viscosity Polyamide 6.6, good flowability, good impact strength.
For long moulding parts, short cycletime, good demoulding.

General Information			
Features	Fast Molding Cycle		
	Good Flow		
	Good Impact Resistance		
	Good Mold Release		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	2.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	4.0	%	
Break	25	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	225	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Comparative Tracking Index	550	V	IEC 60112

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