

TEREZ PC X 9005 GF 5

Polycarbonate
TER HELL PLASTIC GMBH

Message:
Polycarbonate, medium flowability, 5% glass fibre reinforced.
For injection molded parts with increased demand of stiffness.

General Information			
Filler / Reinforcement	Glass Fiber,5.0% Filler by Weight		
Features	Good Stiffness		
	Medium Flow		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ISO 527-2
Tensile Stress (Break)	63.0	MPa	ISO 527-2
Tensile Strain (Break)	22	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	139	°C	ISO 306/B50

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