

FORMULA P FIB 3620/L SC

Polypropylene
Putsch Kunststoffe GmbH

Message:
Polypropylene with 20% glass fiber reinforcement (chemically bonded). This material has very good stiffness and excellent heat resistance.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Rigid, good		
	Chemical coupling		
	Heat resistance, high		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Molding Shrinkage	0.25 - 0.35	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	75.0	MPa	ISO 527-2
Fracture	75.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress (3.5% Strain)	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	3.5	kJ/m ²	ISO 180
23°C	5.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/B
Additional Information			
Tensile Strength, ISO 527: 75 MPa			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	

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Recommended distributors for this material

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