

# TechnoPet 3220

Polyethylene Terephthalate  
TechnoCompound GmbH

## Message:

TechnoPet compounds count among the thermoplastic polyesters based on polyethylene-terephthalate. They are predestined for injection moulding due to their fast crystallisation.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability		
	Rigidity, high		
	Crystallization		
	Thermal stability, good		
	Excellent appearance		
	Flame retardancy		
Uses	Packaging		
	Gear		
	Electrical/Electronic Applications		
	Electrical appliances		
	Electronic insulation		
	Household goods		
	Application in Automobile Field		
	Bearing		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179/1eA
Additional Information			
Moisture Content, Infared 105°C, 15 min: <0.10%Ash Content, ISO 3451, 950°C: 20%			
Injection	Nominal Value	Unit	
Rear Temperature	230 - 265	°C	
Middle Temperature	230 - 265	°C	
Front Temperature	230 - 265	°C	
Nozzle Temperature	245 - 280	°C	

Processing (Melt) Temp	240 - 275	°C
Mold Temperature	30.0 - 90.0	°C

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#### Recommended distributors for this material

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