

# TechnoPet 3000

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			
Features	Good dimensional stability		
	Rigidity, high		
	Crystallization		
	Thermal stability, good		
	Excellent appearance		
Uses	Packaging		
	Gear		
	Electrical/Electronic Applications		
	Electrical appliances		
	Electronic insulation		
	Household goods		
	Application in Automobile Field		
Forms	Particle		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.5	kJ/m <sup>2</sup>	ISO 179/1eA
Additional Information			
Moisture Content, Infared 105°C, 15 min: <0.10%Ash Content, ISO 3451, 950°C: <1%			
Injection	Nominal Value	Unit	
Rear Temperature	220 - 240	°C	
Middle Temperature	220 - 240	°C	
Front Temperature	220 - 240	°C	
Nozzle Temperature	250 - 270	°C	
Processing (Melt) Temp	230 - 270	°C	
Mold Temperature	20.0 - 80.0	°C	

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