

TechnoPet 3500

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			
Additive	Impact modifier		
Features	Good dimensional stability		
	Impact modification		
	Rigidity, high		
	Crystallization		
	Thermal stability, good		
	Excellent appearance		
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	1.25	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	60	kJ/m ²	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	235 - 260	°C	
Middle Temperature	235 - 260	°C	
Front Temperature	235 - 260	°C	
Nozzle Temperature	245 - 275	°C	

Processing (Melt) Temp	245 - 275	°C
Mold Temperature	20.0 - 80.0	°C

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