TechnoPet 3225

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, 25% 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	1.62	g/cm^3	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	8000	MPa	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	10	kJ/m^2	ISO 179/1eA
Additional Information			
Moisture Content, Infared 105°C, 15 min: <0.10%Ash Content, ISO 3451, 950°C: 25%			
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

Recommended distributors for this material

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