

TechnoPet 3410

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	Mineral filler, 10% filler by weight		
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		
	Bearing		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7800	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: 10%			
Injection	Nominal Value	Unit	
Rear Temperature	260 - 285	°C	
Middle Temperature	260 - 285	°C	
Front Temperature	260 - 285	°C	
Nozzle Temperature	280 - 300	°C	
Processing (Melt) Temp	260 - 300	°C	

Mold Temperature

30.0 - 90.0

°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

