

TechnoFin 4004

Polypropylene
TechnoCompound GmbH

Message:

TechnoFin compounds with variable flow behaviour, good workability, possess good damping characteristics, high rigidity and very good abrasion behaviour.

General Information			
Features	Rigidity, high		
	Impact resistance, good		
	Good wear resistance		
Uses	Plug		
	Gear		
	Electrical/Electronic Applications		
	Electrical housing		
	Electrical appliances		
	Furniture		
	Household goods		
	Parts under the hood of a car		
	Application in Automobile Field		
	Car interior parts		
Forms	Shell		
	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR)	4.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m²	ISO 179/1eA
Additional Information			
Moisture Content, Infared 105°C, 15 min: <0.10%Ash Content, ISO 3451, 950°C: 3.5 kJ/m²			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 - 270	°C	
Mold Temperature	20.0 - 80.0	°C	

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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



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