

TechnoFin HDPE-10

High Density Polyethylene
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	Conductivity		
	Rigidity, high		
	High density		
	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	Particle		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR)	10.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179/1eA
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+3	ohms · cm	IEC 60093
Additional Information			
Charpy Notched Impact Strength, ISO 179, 23°C, Type 1, Edgewise, Notch A: > 12 kJ/m ² Volume Resistivity, IEC 60093: < 1e3 ohm-cm			
Injection	Nominal Value	Unit	

Processing (Melt) Temp	230 - 270	°C
Mold Temperature	30.0 - 90.0	°C

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