

MAJORIS ET370

Polypropylene

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Message:

ET370 is a natural, 30% mineral filled grade intended for injection moulding.

The product is available in natural (ET370) and black (ET370-8229)but other colours can be supplied on request.

ET370 has been developed especially for the car industry, to be used in interior parts and also for the electrical, appliances.

APPLICATIONS

Automotive interior parts

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Features	Recyclable materials		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Application in Automobile Field		
	Car interior parts		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain (Break)	24	%	ISO 527-2/50
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	ISO 75-2/B
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	

Processing (Melt) Temp	220 - 270	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Moderate	

Injection instructions

Holding pressure: 50 to 70% of the injection pressure

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