

MAJORIS CT250

Polypropylene

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Message:

CT250 is a, 25% mineral filled grade intended for injection moulding.

The product is available in natural (CT250) and black (CT250 - 8229) but other colours can be supplied on request.

CT250 has been developed especially for the car industry, to be used in interior parts and also an excellent balance between the impact strength and stiffness, and it has very good surface quality.

APPLICATIONS

Automotive interior parts such as:

Pillar trims

Door panels and pockets

Consoles

Handles

Miscellaneous technical items

General Information			
Filler / Reinforcement	Mineral filler, 25% filler by weight		
Features	Recyclable materials		
	Excellent appearance		
Uses	Handle		
	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	1.09	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Molding Shrinkage	0.90 - 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	7.0	%	ISO 527-2/50
Flexural Modulus ¹	2800	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, not annealed	128	°C	ISO 75-2/B
1.8 MPa, not annealed	69.0	°C	ISO 75-2/A
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	210 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 60% of the injection pressure			
NOTE			
1.	2.0 mm/min		

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