

MAJORIS EC200 - 1199

Polypropylene

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Message:

EC200 - 1199 is a 20% mineral filled polypropylene compound intended for injection moulding, calendering technology.

The product is available in natural (EC200) and black (EC200 - 8229) but other colours can be supplied on request.

EC200 - 1199 is intended for component, which require very good surface quality, and high dimensional stability.

APPLICATIONS

Electrical appliances

Household articles

Technical components

Rolling cast film

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Good dimensional stability		
	Recyclable materials		
	Good appearance		
	Excellent appearance		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Household goods		
	cast film		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Calendering		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Molding Shrinkage	1.7 - 1.9	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	65.0	°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	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

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