

MAJORIS EB619

Polypropylene

AD majoris

Message:

EB619 is a natural, 65% mineral filled polypropylene compound intended for injection moulding.
The product is available in natural (EB619) but other colours can be supplied on request.
EB619 has been developed for applications where high density, good impact strength, good surface finish and good flow properties are necessary.

APPLICATIONS

- High density products, such as:
- Sound absorption parts
 - Electronic housings
 - Cosmetics mouldings
 - Appliances

General Information			
Filler / Reinforcement	Mineral filler, 65% filler by weight		
Features	High density		
	Impact resistance, good		
	Recyclable materials		
	Good liquidity		
	Excellent appearance		
Uses	Electrical housing		
	Electrical appliances		
	Sound insulation		
	Cosmetics		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.87	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Molding Shrinkage	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1830	MPa	ISO 527-2/1
Tensile Stress (Break)	27.0	MPa	ISO 527-2/50
Tensile Strain (Break)	1.9	%	ISO 527-2/50
Flexural Modulus ¹	3350	MPa	ISO 178
Flexural Stress	51.5	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eU
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			
NOTE			
1.	2.0 mm/min		

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