MAJORIS EB669

Polypropylene

AD majoris

Message:

EB669 is a natural, 65% mineral filled polypropylene compound intended for injection moulding.
The product is available in natural (EB669) but other colours can be supplied on request.
EB669 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/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.2	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1530	MPa	ISO 527-2/1
Tensile Stress (Break)	24.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.4	%	ISO 527-2/50
Flexural Modulus [1]	2850	MPa	ISO 178
Flexural Stress	43.5	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	23	kJ/m^2	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	134	°C	ISO 75-2/B
1.8 MPa, not annealed	77.0	°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 - 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		

Recommended distributors for this material

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