MAJORIS EE265 GRIS 8683/FZH

Polypropylene

AD majoris

Message:

EE 265 GRIS 8683/FZH is a 25% mineral filled polypropylene elastomer modified compound intended for injection moulding.
EE 265 GRIS 8683/FZH has been developed especially for the automotive interior parts, requiring good impact strength/stiffness, very good scratch resistance and UV resistance.
The product is available in natural (EE 265) and black (EE 265-8229) but other colours can be provided on request.
APPLICATIONS
Automotive interior parts

General Information			
Filler / Reinforcement	Mineral filler, 25% filler by weight		
Additive	Impact modifier		
Features	Impact modification Rigid, good Impact resistance, good Good UV resistance Recyclable materials Scratch resistance		
Uses	Car interior parts		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.10	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Molding Shrinkage	0.80 - 1.1	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2000	MPa	ISO 527-2/1
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Flexural Modulus [1]	2200	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1A
0°C	5.0	kJ/m²	ISO 179/1A
23°C	14	kJ/m²	ISO 179/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature			
0.45 MPa, not annealed	110	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°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 injection pressure			
NOTE			
1.	2.0 mm/min		

Recommended distributors for this material

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WECHAT