MAJORIS EW367HM - 8229

Polypropylene Copolymer

AD majoris

Message:

EW367HM - 8229 is a 30% glass fibre/ mineral filled polypropylene copolymer compound intended for injection moulding.
The product is available in both black (EW377HM - 8229) and natural (EW377HM) but other colours can be provided on request.
EW367HM - 8229 has been developed especially for the lighting applications and electrical components.
EW367HM - 8229 is formulated to give an excellent surface finish.
APPLICATION
Products requiring good rigidity, low shrinkage, high dimensional and high UV stability can suitably be made from EW367HM - 8229.

General Information			
Filler / Reinforcement	Glass \mineral, 30% filler by weight		
Additive	UV stabilizer		
Features	Good dimensional stability Excellent appearance Copolymer Good UV resistance Recyclable materials Low shrinkage Medium hardness		
Uses	Lighting Applications Electrical components		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.12	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	0.55 - 1.0	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3630	MPa	ISO 527-2/1
Tensile Stress (Yield)	48.5	MPa	ISO 527-2/50
Flexural Modulus [1]	3680	MPa	ISO 178
Flexural Stress	85.5	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**

Charpy Notched Impact Strength (23°C)	8.2	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
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 70% of the injection pressure			
NOTE			
1.	2.0 mm/min		

Recommended distributors for this material

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