MAJORIS BW260 - 8229

Polypropylene

AD majoris

Message:

BW260 - 8229 is a 20% glass - filled polypropylene compound intended for injection moulding.
The product is available in both black (BW260 - 8229) and natural (BW260) but other colours can be provided on request.
BW260 - 8229 has been developed especially for the automotive applications and electrical components.
BW260 - 8229 makes it very easy to process even for complicated parts with long flow paths and it offers very high productivity with short cycle times.
BW260 - 8229 is formulated to give an excellent surface finish.
APPLICATION
Products requiring good rigidity, low shrinkage, high dimensional stability can suitably be made from BW260 - 8229.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability Excellent appearance Recyclable materials Workability, good Fast molding cycle Low shrinkage Medium hardness		
Uses	Electrical components Application in Automobile Field		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.0 - 1.2	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	55		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1070	MPa	ISO 527-2/1
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Tensile Strain (Break)	120	%	ISO 527-2

Flexural Modulus [1]	1100	MPa	ISO 178
Flexural Stress [2]	30.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	104	°C	ISO 75-2/B
1.8 MPa, not annealed	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
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		
2.	50 mm/min		

Recommended distributors for this material

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