MAJORIS DW374 - 8229

Polypropylene Copolymer

AD majoris

Message:

DW374 - 8229 is a 30% glass fiber/bead filled polypropylene copolymer compound intended for injection moulding.
The product is available in both black (DW374 - 8229) and natural (DW374) but other colours can be provided on request.
DW374 - 8229 has been developed especially for the automotive applications and electrical components.
DW374 - 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.
DW374 - 8229 is formulated to give an excellent surface finish.
APPLICATION
Products requiring good rigidity, low shrinkage, high dimensional stability can suitably be made from DW374 - 8229.

General Information			
Filler / Reinforcement	Glass Beads \Glass Fiber, 30% Filler by Weight		
Features	Good dimensional stability Excellent appearance Copolymer 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	1.10	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.80 - 1.2	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Flexural Modulus - 1% Secant	2800	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	11	kJ/m²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	127	°C	ISO 75-2/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

Recommended distributors for this material

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