MAJORIS DG264

Polypropylene Copolymer

AD majoris

Message:

DG 264 is a 20% chemically coupled glass fibre reinforced polypropylene copolymer compound intended for injection moulding.
The product is available in natural, but other colours can be provided on request.
DG 264 has been developed especially for demanding applications in automotive industry and various engineering sectors.
DG 264 has good rigidity, good dimensional stability and good impact resistance.
APPLICATIONS
Electrical parts
Business equipment
Automotive parts

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability Copolymer Chemical coupling Impact resistance, good Recyclable materials Medium hardness		
Uses	Electrical components Application in Automobile Field Business equipment		
Appearance	Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.04	g/cm^3	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	52.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Flexural Modulus	3300	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			
23°C	210	J/m	ASTM D256
23°C	14	kJ/m^2	ISO 180

Unnotched Izod Impact (23°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	150	°C	ISO 75-2/B
1.8 MPa, not annealed	125	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 - 270	°C	
Mold Temperature	30.0 - 60.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

Recommended distributors for this material

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WECHAT