MAJORIS EWGC460H

Polypropylene Copolymer

AD majoris

Message:

EWGC460H is a 40% fiber / mineral filled polypropylene copolymer compound intended for injection moulding.
The product is available in both black (EWGC460460H - 8229) and natural (EWGC460H) but other colours can be provided on request.
EWGC460H has been developed especially for the applications appliances and electrical components.
APPLICATIONS
Products requiring good rigidity, low shrinkage, high dimensional stability can suitably be made from EWGC460H.

General Information			
Filler / Reinforcement	Glass \mineral, 40% filler by weight		
Features	Good dimensional stability Copolymer Recyclable materials Low shrinkage Medium hardness		
Uses	Electrical components Electrical appliances		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.20	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Molding Shrinkage	0.20 - 1.0	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus - 1% Secant	2500	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	130	°C	ISO 75-2/B
Ball Pressure Test (138°C)	Pass		NF C 61-303
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94

Glow Wire Flammability Index (2.00 mm)	750	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	220 - 270	°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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