MAJORIS CB370

Polypropylene

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Message:

CB370 is a natural, 35% mineral filled polypropylene compound intended for injection moulding.
The product is available in natural (CB370) and black (CB370 - 8229) but other colours can be supplied on request.
CB370 has been developed for applications where high density, good impact strength, good surface finish and good flow properties are necessary.
APPLICATIONS
High density products, such as:
Sound absorption parts
Electronic housings
Cosmetics mouldings
Appliances

General Information			
Filler / Reinforcement	Mineral filler, 35% filler by weight		
Features	High density Impact resistance, good Recyclable materials Good liquidity Excellent appearance		
Uses	Electrical housing Electrical appliances Sound insulation Cosmetics		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.25	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 1.4	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus [1]	2150	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	4.5	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
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	220 - 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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

WECHAT