

HOPELEX PCM-2303

Polycarbonate

Lotte Chemical Corporation

Message:

30% milled glass-fiber reinforced

Good surface, easy mold release

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Mold Release		
	Good Surface Finish		
Uses	Electrical Housing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	93.2	MPa	ASTM D638
Flexural Modulus ²	3920	MPa	ASTM D790
Flexural Strength ³ (Yield)	96.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	137	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Suggested Max Regrind	20	%	
Hopper Temperature	60.0 to 80.0	°C	
Rear Temperature	300 to 320	°C	
Middle Temperature	290 to 310	°C	
Front Temperature	280 to 300	°C	
Nozzle Temperature	290 to 310	°C	
Processing (Melt) Temp	300 to 320	°C	
Mold Temperature	80.0 to 110	°C	
NOTE			
1.	50 mm/min		

2.	10 mm/min
3.	10 mm/min

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Recommended distributors for this material

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