

SILVER® PC2320.L20

Polycarbonate

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® Polycarbonate is applied to many fields, such as automobiles, office automation equipments, electronics, medical equipments and sports equipments. In addition, the custom—made products should be developed by buyers ‘ requirements in order to meet special usage.

Glass Fiber Reinforced PC

Characteristic:

UL—94V0/1.5mm, excellent toughness, good appearance

Application:

fire fighting facility, relay, connector, switch, plugs, flame resistance film

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
	Good Toughness		
	High Rigidity		
Uses	Connectors		
	Film		
	Plugs		
	Switches		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	90.0	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0	%	ASTM D638
Flexural Modulus ³	4500	MPa	ASTM D790
Flexural Strength ⁴	135	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	141	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	270 to 330	°C	
NOTE			

1.	10 mm/min
2.	10 mm/min
3.	5.5 mm/min
4.	5.5 mm/min

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