SILVER® PC230.U

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.
Halogen-free Flame Retardant PC
Characteristic:
UL-94 V0/3.0mm, transparent, anti-UV
Application:
lamp accessory, protect crust

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	Halogen Free		
	High Clarity		
Uses	Lighting Applications		
	Lighting Fixtures		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [1]	60.0	MPa	ASTM D638
Tensile Elongation [2] (Break)	130	%	ASTM D638
Flexural Modulus [3]	2080	MPa	ASTM D790
Flexural Strength [4]	76.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	75.0	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	142	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	265 to 315	°C	
NOTE			
1.	50 mm/min		

2.	50 mm/min
3.	5.5 mm/min
4.	5.5 mm/min

Recommended distributors for this material

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WECHAT