

Jamplast EX-02 PC

Polycarbonate

Jamplast, Inc.

Message:

Jamplast EX-02 PC is plame retardant PC material that can be applied to printer mian frame.

General Information			
Features	Flame Retardant		
Uses	Printer Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/10.0 kg)	35	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	60.7	MPa	ASTM D638
Flexural Modulus ²	2480	MPa	ASTM D790
Flexural Strength ³	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 0.318 mm)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	116	°C	ASTM D648
Vicat Softening Temperature	127	°C	ISO 306/B
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
	V-0		
2.00 to 2.70 mm	5VB		

NOTE	
1.	50 mm/min
2.	2.8 mm/min
3.	2.8 mm/min

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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



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