

# KOPLA PC KCP1000F

Polycarbonate

KOPLA Co., Ltd.

Message:

KOPLA PC KCP1000F is a Polycarbonate (PC) material. It is available in Asia Pacific.

Important attributes of KOPLA PC KCP1000F are:

Flame Rated

Flame Retardant

Typical applications include:

Electrical/Electronic Applications

Business/Office Goods

Printing Applications

General Information			
Features	Flame Retardant		
Uses	Business Equipment		
	Connectors		
	Electrical/Electronic Applications		
	Printer Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.80	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.23	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	117		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	68.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 100	%	ASTM D638
Flexural Modulus (23°C)	2450	MPa	ASTM D790
Flexural Strength (23°C)	96.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	780	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	117	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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Recommended distributors for this material

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