

KOPLA PC KCG1030F

Polycarbonate

KOPLA Co., Ltd.

Message:

KOPLA PC KCG1030F is a Polycarbonate (PC) material filled with glass fiber. It is available in Asia Pacific.

Important attributes of KOPLA PC KCG1030F are:

Flame Rated

Flame Retardant

Typical applications include:

Electrical/Electronic Applications

Business/Office Goods

Printing Applications

General Information	
Filler / Reinforcement	Glass Fiber
Features	Flame Retardant
Uses	Business Equipment
	Connectors
	Electrical/Electronic Applications
	Printer Parts

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10 to 0.20	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	122		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	123	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	7850	MPa	ASTM D790
Flexural Strength (23°C)	177	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	145	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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