

KOPLA PC KAP1500

Polycarbonate + ABS

KOPLA Co., Ltd.

Message:

KOPLA PC KAP1500 is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific.

Important attributes of KOPLA PC KAP1500 are:

Flame Rated

Impact Resistant

Typical applications include:

Handles

Housings

Safety Equipment

General Information	
Features	High Impact Resistance
	Metallizable
	Paintable

Uses	Handles
	Housings
	Safety Helmets

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	52.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	60	%	ASTM D638
Flexural Modulus (23°C)	2350	MPa	ASTM D790
Flexural Strength (23°C)	103	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
CLTE - Flow	7.3E-4	cm/cm/°C	ASTM D696

Flammability	Nominal Value	Test Method
Flame Rating	HB	UL 94

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Recommended distributors for this material

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