

KOPLA PC KTE1707

Polycarbonate + PBT

KOPLA Co., Ltd.

Message:

KOPLA PC KTE1707 is a Polycarbonate + PBT (PC+PBT) material. It is available in Asia Pacific.

Important attributes of KOPLA PC KTE1707 are:

Flame Rated

Chemical Resistant

Heat Resistant

Typical applications include:

Handles

Housings

Safety Equipment

General Information			
Features	Good Chemical Resistance		
	High Heat Resistance		
Uses	Handles		
	Housings		
	Safety Helmets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.70 to 0.80	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	58.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Flexural Modulus (23°C)	2260	MPa	ASTM D790
Flexural Strength (23°C)	93.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	125	°C	
1.8 MPa, Unannealed	105	°C	
CLTE - Flow	5.0E-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

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

