

KOPLA PP KPI1022

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPI1022 is a Polypropylene material filled with glass\mineral. It is available in Asia Pacific.

Important attributes of KOPLA PP KPI1022 are:

Flame Rated

Good Aesthetics

Warp Resistant

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information	
Filler / Reinforcement	Glass\Mineral
Features	Good Surface Finish
	Low Warpage
Uses	Automotive Exterior Trim
	Electrical Parts

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.60 to 1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	83.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	5390	MPa	ASTM D790
Flexural Strength (23°C)	132	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	147	°C	
1.8 MPa, Unannealed	95.0	°C	
Melting Temperature	163	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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