

KOPLA PP KPT1040

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPT1040 is a Polypropylene material filled with mineral. It is available in Asia Pacific.

Important attributes of KOPLA PP KPT1040 are:

Flame Rated

Good Dimensional Stability

Warp Resistant

Typical application of KOPLA PP KPT1040: Automotive

General Information			
Filler / Reinforcement	Mineral		
Features	Good Dimensional Stability		
	Low Warpage		
Uses	Automotive Instrument Panel		
	Automotive Under the Hood		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	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)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	37.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	10	%	ASTM D638
Flexural Modulus (23°C)	4220	MPa	ASTM D790
Flexural Strength (23°C)	58.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	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	105	°C	
Melting Temperature	163	°C	
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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