

KOPLA PP KPG1040

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPG1040 is a Polypropylene material filled with glass fiber. It is available in Asia Pacific. Primary attribute of KOPLA PP KPG1040: Flame Rated.
Typical application of KOPLA PP KPG1040: Automotive

General Information			
Filler / Reinforcement	Glass Fiber		
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)	0.20 to 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	108	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	6860	MPa	ASTM D790
Flexural Strength (23°C)	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	158	°C	
1.8 MPa, Unannealed	115	°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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