

KOPLA PP KPG1010

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPG1010 is a Polypropylene material filled with glass fiber. It is available in Asia Pacific. Primary attribute of KOPLA PP KPG1010: Flame Rated.
Typical application of KOPLA PP KPG1010: Automotive

General Information			
Filler / Reinforcement	Glass Fiber		
Uses	Automotive Instrument Panel		
	Automotive Under the Hood		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	49.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	2260	MPa	ASTM D790
Flexural Strength (23°C)	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648
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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