

KOPLA PP KPT1010

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPT1010 is a Polypropylene material filled with mineral. It is available in Asia Pacific.

Important attributes of KOPLA PP KPT1010 are:

Flame Rated

Good Dimensional Stability

Warp Resistant

Typical application of KOPLA PP KPT1010: 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	0.960	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0 to 1.6	%	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)	35.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus (23°C)	1960	MPa	ASTM D790
Flexural Strength (23°C)	52.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	140	°C	
1.8 MPa, Unannealed	75.0	°C	
Melting Temperature	163	°C	
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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