

KOPLA PP KPR1166

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPR1166 is a Polypropylene material filled with glass fiber. It is available in Asia Pacific.

Important attributes of KOPLA PP KPR1166 are:

Flame Rated

Good Aesthetics

Impact Resistant

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Good Surface Finish		
	High Impact Resistance		
Uses	Automotive Exterior Trim		
	Electrical Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.80 to 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	25.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 200	%	ASTM D638
Flexural Modulus (23°C)	932	MPa	ASTM D790
Flexural Strength (23°C)	36.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	127	°C	ASTM D648
Melting Temperature	163	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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