

KOPLA PP KPG1020F

Polypropylene

KOPLA Co., Ltd.

Message:

KOPLA PP KPG1020F is a Polypropylene material filled with glass fiber. It is available in Asia Pacific.

Important attributes of KOPLA PP KPG1020F are:

Flame Rated

Flame Retardant

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
Uses	Automotive Exterior Trim		
	Electrical Parts		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	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)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	59.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	8.0	%	ASTM D638
Flexural Modulus (23°C)	3920	MPa	ASTM D790
Flexural Strength (23°C)	88.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	142	°C	ASTM D648
Melting Temperature	163	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-1		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

