

KOPLA ABS KSG1020F

Acrylonitrile Butadiene Styrene

KOPLA Co., Ltd.

Message:

KOPLA ABS KSG1020F is an Acrylonitrile Butadiene Styrene (ABS) material filled with glass fiber. It is available in Asia Pacific.

Important attributes of KOPLA ABS KSG1020F are:

Flame Rated

Flame Retardant

Typical applications include:

Containers

Housings

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
Uses	Housings		
	Tool/Tote Box		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10 to 0.30	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.30	%	ASTM D570

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	83.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	6080	MPa	ASTM D790
Flexural Strength (23°C)	118	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)	102	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating	V-0	UL 94

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Recommended distributors for this material

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