

# KOPLA ABS KSG1020

Acrylonitrile Butadiene Styrene

KOPLA Co., Ltd.

## Message:

KOPLA ABS KSG1020 is an Acrylonitrile Butadiene Styrene (ABS) material filled with glass fiber. It is available in Asia Pacific. Primary attribute of KOPLA ABS KSG1020: Flame Rated.

Typical applications include:

Containers

Housings

General Information			
Filler / Reinforcement	Glass Fiber		
Uses	Housings		
	Tool/Tote Box		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20 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)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	83.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	5880	MPa	ASTM D790
Flexural Strength (23°C)	123	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		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](mailto:sales@su-jiao.com)

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

