

Sypex M1420GN

Acrylonitrile Butadiene Styrene

Ginar Technology Co., LTD.

Message:

Sypex M1420GN is an Acrylonitrile Butadiene Styrene (ABS) product filled with 20% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.30	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	89.6	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5310	MPa	ASTM D790A
Flexural Strength	138	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	95.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.0313 mm	HB		
0.0625 mm	HB		
0.125 mm	HB		

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Recommended distributors for this material

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