

SILVER® ABS 323G20

Acrylonitrile Butadiene Styrene
Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® Modified ABS is applied to many fields, such as computer fittings, OA equipment and fittings, appliance crust and electronic fittings. In addition, the custom—made products should be developed by buyers ‘ requirements in order to meet special usage.

Glass Fiber Reinforced ABS

Characteristics:

easy molding, high rigidity, good dimension stability, UL-94 VO/1.5

Application:

trump case, fan crust, camera crust

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Good Dimensional Stability		
	Good Moldability		
	High Rigidity		
Uses	Camera Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	85.0	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0	%	ASTM D638
Flexural Modulus ³	5000	MPa	ASTM D790
Flexural Strength ⁴	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	99.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 230	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	5.5 mm/min		
4.	5.5 mm/min		

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