

SILVER® ABS 313NL

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.

ABS

Characteristics:

easy molding, good heat resistance

Application:

soymilk case, heater case, auto parts

General Information			
Features	Good Moldability		
	Medium Heat Resistance		
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	40.0	MPa	ASTM D638
Tensile Elongation ² (Break)	15	%	ASTM D638
Flexural Modulus ³	2100	MPa	ASTM D790
Flexural Strength ⁴	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	20.0	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	98.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 240	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	5.5 mm/min		
4.	5.5 mm/min		

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