

# SILVER® ABS 313HL

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:

high surface gloss, high surface hardness

Application:

the panel and base of LCD, audio panel, dvd panel

General Information			
Features	High Gloss		
	High Hardness		
Uses	LCD Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	45.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	30	%	ASTM D638
Flexural Modulus <sup>3</sup>	2100	MPa	ASTM D790
Flexural Strength <sup>4</sup>	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m <sup>2</sup>	ASTM D256
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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