

SILVER® PC2510.HF

Polycarbonate + ABS

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® PC/ABS Alloy is applied to many fields, such as electronic communication, office automation equipments, electronic instruments, lamps and lanterns. In addition, the custom made products should be developed by buyers ' requirements in order to meet special usage.

General PC/ABS

Characteristics:

HB, good fluidity, retardance to impact

Application:

mobile phone crust electric parts, tool handle and coat MP3 crust printer manifold

General Information			
Features	General Purpose		
	Good Impact Resistance		
	High Flow		
Uses	Cell Phones		
	Coating Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Handles		
	Printer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	110	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	50.0	MPa	ASTM D638
Tensile Elongation ² (Break)	140	%	ASTM D638
Flexural Modulus ³	1950	MPa	ASTM D790
Flexural Strength ⁴	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	55.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	112	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 270	°C	

NOTE	
1.	50 mm/min
2.	50 mm/min
3.	5.5 mm/min
4.	5.5 mm/min

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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



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