

# SILVER® SA-5209

Thermoplastic Elastomer

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® SA-5000 elastomer which is kind of low smoke zero halogen material is applied for electrical wire, cable or plug

SA-5000 Elastomer (Low Smoke Zero Halogen Materials)

Characteristics:

low smoke zero halogen

Applications:

wire and cable, plug, electronic line and so on

General Information			
Features	Halogen Free		
	Low Smoke Emission		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
	Plugs		
	Wire & Cable Applications		
Appearance	Natural Color		
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) (210°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	6.00	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 350	%	ASTM D638
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 180	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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