

SILVER® SA-2101

Styrene Ethylene Butylene Styrene Block Copolymer

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® SA—2000 elastomer is a kind of fully hydrogenated styryl block copolymers, which is of preventing violet and ozone, and is applied for toys and insole by injection molding and extrusion.

SA—2000 Elastomer (full-hydrogenated styryl block copolymers)

Characteristics:

preventing violet and ozone

Applications:

soft toys, seal ring, frog shoe, frog glasses, mask, strap, antenna coat, bearing, insole, pipe and so on

General Information			
Uses	Bearings		
	Footwear		
	Piping		
	Seals		
	Strapping		
	Toys		
Appearance	Clear/Transparent		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	23	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	4.40	MPa	ASTM D638
Tensile Elongation ² (Break)	> 350	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 200	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 200	°C	
NOTE			
1.	500 mm/min		
2.	500 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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