

SILVER® SA-2310

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	Natural Color		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	5.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	6.30	MPa	ASTM D638
Tensile Elongation ² (Break)	> 500	%	ASTM D638
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 210	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 210	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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