

NILFLEX® SH A90 MC009

Styrene Ethylene Butylene Styrene Block Copolymer

Taro Plast S.p.A.

Message:

SEBS elastomer is the main constituent of these TPE-S (Thermoplastic Elastomer Styrenic) compounds. These compounds show high UV and ozone resistance. Nilflex SH is totally recyclable and it can be produced in standard grades and in tailor-made grades. Available in natural, black and colored grade.

General Information			
Filler / Reinforcement	Filler		
Features	Good UV Resistance		
	Ozone Resistant		
	Recyclable Material		
Appearance	Black		
	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	28	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	90		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	3.65	MPa	
300% Strain	4.90	MPa	
Tensile Strength ² (Break)	9.20	MPa	ASTM D412
Tensile Elongation ³ (Break)	650	%	ASTM D412
Tear Strength	44.0	kN/m	ASTM D624
Compression Set			ASTM D395B
70°C, 22 hr	52	%	
100°C, 22 hr	82	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	160 to 230	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

