

# NILFLEX® SH A0 MN001

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			
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	0.870	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	380	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	0		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ASTM D412
100% Strain	0.0900	MPa	
300% Strain	0.150	MPa	
Tensile Strength <sup>2</sup> (Break)	2.35	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	1300	%	ASTM D412
Tear Strength	10.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Processing (Melt) Temp	110 to 160	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		

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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

