

NILFLEX® SH A50 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)	30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	50		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	1.25	MPa	
300% Strain	2.15	MPa	
Tensile Strength ² (Break)	7.70	MPa	ASTM D412
Tensile Elongation ³ (Break)	850	%	ASTM D412
Tear Strength	25.2	kN/m	ASTM D624
Compression Set			ASTM D395B
70°C, 22 hr	33	%	
100°C, 22 hr	68	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	140 to 210	°C	
NOTE			
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Recommended distributors for this material

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