

# NILFLEX® SH D40 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 <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	36	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	40		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ASTM D412
100% Strain	6.40	MPa	
300% Strain	7.22	MPa	
Tensile Strength <sup>2</sup> (Break)	15.0	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	650	%	ASTM D412
Tear Strength	70.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 240	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		

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