

# Chemiton NA I2NA 50

Styrene Ethylene Butylene Styrene Block Copolymer  
Franplast S.r.l.

Message:

SEBS based compound. Its main characteristics are an excellent resistance to atmospherical agents and an opaque and homogeneous appearance. It is ideal for the production of scuba flippers. EVA and PP overmoulding are possible.

Application:  
Scuba Flippers

General Information			
Features	Good Weather Resistance		
Uses	Overmolding		
	Sporting Goods		
	Water Sports Equipment		
Appearance	Opaque		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	55	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	5.50	MPa	ISO 527-2
Nominal Tensile Strain at Break	850	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	23	kN/m	ISO 34-1
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 80	°C	
Injection	Nominal Value	Unit	
Drying Time	0.0	hr	
Rear Temperature	165 to 195	°C	
Middle Temperature	170 to 200	°C	
Front Temperature	175 to 205	°C	
Nozzle Temperature	175 to 205	°C	
Mold Temperature	30.0 to 60.0	°C	

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