

# Franprene A FA 2970B

Styrene Butadiene Styrene Block Copolymer

Franplast S.r.l.

Message:

SBS based compound. Ideal for the production of non-toxical items, such as toys. It provides the article with grip, soft touch and a glossy surface.  
Application:  
Toy Bricks

General Information			
Features	High Gloss		
	Non-Toxic		
	Soft		
Uses	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	170	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	4.80	MPa	ISO 527-2
Nominal Tensile Strain at Break	350	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	20	kN/m	ISO 34-1
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 60	°C	
Injection	Nominal Value	Unit	
Drying Time	0.0	hr	
Rear Temperature	145 to 165	°C	
Middle Temperature	150 to 170	°C	
Front Temperature	150 to 170	°C	
Nozzle Temperature	155 to 175	°C	
Mold Temperature	30.0 to 40.0	°C	

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