

# Chemiton CSF0NA 45

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

Message:

SEBS based compound with good mechanical properties and dimensional stability. Its surface is opaque and it is ideal for technical applications.  
Application:  
Chain Conveyor Systems

General Information			
Features	Good Dimensional Stability		
Uses	Conveyor Parts		
Appearance	Opaque		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	45		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	6.50	MPa	ISO 527-2
Nominal Tensile Strain at Break	880	%	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 90	°C	
Injection	Nominal Value	Unit	
Drying Time	0.0	hr	
Rear Temperature	170 to 200	°C	
Middle Temperature	175 to 205	°C	
Front Temperature	180 to 210	°C	
Nozzle Temperature	185 to 215	°C	
Mold Temperature	30.0 to 60.0	°C	

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