

Franprene TGA 4755

Styrene Butadiene Styrene Block Copolymer

Franplast S.r.l.

Message:

SBS based compound for co-extrusion and calendaring on carpet and textiles; it provides the finished product with good grip and stability. It is ideal for injection moulded economic parts too.

Application:

Underlay for Moquette

General Information			
Features	Good Dimensional Stability		
Uses	Carpet Backing		
	Textile Applications		
Processing Method	Calendering		
	Coextrusion		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	70	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	2.80	MPa	ISO 527-2
Nominal Tensile Strain at Break	600	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	15	kN/m	ISO 34-1
Thermal	Nominal Value	Unit	
Service Temperature	-30 to 70	°C	
Extrusion	Nominal Value	Unit	
Drying Time	0.0	hr	
Cylinder Zone 1 Temp.	150 to 170	°C	
Cylinder Zone 2 Temp.	155 to 175	°C	
Cylinder Zone 3 Temp.	155 to 175	°C	
Cylinder Zone 4 Temp.	145 to 165	°C	
Die Temperature	135 to 155	°C	

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