

Franprene TGA 2255RY

Styrene Butadiene Styrene Block Copolymer

Franplast S.r.l.

Message:

SBS based compound, ideal for PP over-moulding in food contact applications. It provides the item with good grip and surface soft touch.

Application:

Inseminator (Veterinary)

General Information			
Features	Food Contact Acceptable		
	Soft		
Uses	Medical/Healthcare Applications		
	Overmolding		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	90	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)	3.40	MPa	ISO 527-2
Nominal Tensile Strain at Break	660	%	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 70	°C	
Injection	Nominal Value	Unit	
Drying Time	0.0	hr	
Rear Temperature	165 to 185	°C	
Middle Temperature	170 to 190	°C	
Front Temperature	175 to 195	°C	
Nozzle Temperature	180 to 200	°C	
Mold Temperature	30.0 to 40.0	°C	

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