

Franprene TGA 1190

Thermoplastic Elastomer

Franplast S.r.l.

Message:

This compound is ideal for applications where high toughness and strength properties are required. High elastometric percentages guarantee good recovery.

Application:

Watch Packaging

General Information			
Features	Good Strength		
	Good Toughness		
Uses	Packaging		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	90		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	8.50	MPa	ISO 527-2
Nominal Tensile Strain at Break	550	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	50	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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