

Franprene TED0545

Thermoplastic Polyolefin Elastomer

Franplast S.r.l.

Message:

Semi-rigid Franprene with olefin (TPO). Thanks to its brilliance, it is ideal for the production of long lasting packaging for expensive articles.

Application:

Watch Packaging

General Information			
Features	Semi Rigid		
Uses	Packaging		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	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)	11.5	MPa	ISO 527-2
Nominal Tensile Strain at Break	650	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	85	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 195	°C	
Middle Temperature	175 to 205	°C	
Front Temperature	175 to 205	°C	
Nozzle Temperature	185 to 215	°C	
Mold Temperature	< 20.0	°C	

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