

Salflex 260EI

Thermoplastic Polyolefin Elastomer

Salflex Polymers Ltd.

Message:

Salflex 260EI is a Thermoplastic Polyolefin Elastomer (TPO (POE)) product. It can be processed by injection molding and is available in North America. Typical application: Automotive. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
	Paintable		
Uses	Automotive Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ISO 1133
Molding Shrinkage	1.5 to 1.7	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	710	MPa	ISO 178
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	13.0	MPa	ISO 37
Tensile Elongation (Break)	470	%	ISO 37
Tear Strength ¹	120	kN/m	ISO 34-1
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	No Break		ISO 180/1A
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 75.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	190 to 220	°C	
Middle Temperature	200 to 230	°C	
Front Temperature	210 to 240	°C	
Nozzle Temperature	210 to 240	°C	
Processing (Melt) Temp	200 to 220	°C	
Mold Temperature	27.0 to 60.0	°C	
NOTE			
1.	Method Bb, Angle (Nicked)		

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