

Salflex 364AL

Thermoplastic Vulcanizate

Salflex Polymers Ltd.

Message:

Salflex 364AL is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in North America. Applications of Salflex 364AL include automotive, engineering/industrial parts and bags/liners.

Characteristics include:

- Fatigue Resistant
- Good Flexibility
- Good Tear Strength
- Impact Resistant

General Information			
Features	Fatigue Resistant		
	Good Flexibility		
	Good Tear Strength		
	High Impact Resistance		
	Ozone Resistant		
Uses	Automotive Applications		
	Automotive Interior Trim		
	Grommets		
	Liners		
	Overmolding		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183/A
Molding Shrinkage	1.5	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	64		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.40	MPa	ISO 37
Tensile Stress (Break)	4.60	MPa	ISO 37
Tensile Elongation (Break)	350	%	ISO 37
Tear Strength ¹	49	kN/m	ISO 34-1
Compression Set (70°C, 22 hr)	45	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Stress (125°C, 168 hr, in IRM 903 Oil)	-61	%	ISO 1817
Change in Tensile Strain at Break (125°C, 168 hr, in IRM 903 Oil)	-74	%	ISO 1817

Change in Volume (125°C, 168 hr, in IRM 903 Oil)	95	%	ISO 1817
Injection	Nominal Value	Unit	
Drying Temperature	60.0 to 75.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	185 to 215	°C	
Middle Temperature	190 to 220	°C	
Front Temperature	190 to 220	°C	
Nozzle Temperature	195 to 225	°C	
Processing (Melt) Temp	195 to 215	°C	
Mold Temperature	27.0 to 40.0	°C	
NOTE			
1.	Method Bb, Angle (Nicked)		

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