Salflex 375AH

Thermoplastic Vulcanizate

Salflex Polymers Ltd.

Message:

Salflex 375AH is a Thermoplastic Vulcanizate (TPV) product. It can be processed by blow molding, extrusion, or injection molding and is available in North America. Typical application: Automotive.

Characteristics include:

Fatigue Resistant

Good Tear Strength

General Information

Uses Automotive Applications Automotive Interior Trim Processing Method Processing					
Uses Automotive Applications Automotive Interior Trim Forms Pellets Processing Method Blow Molding Extrusion Injection Molding Physical Nominal Value Unit Test Method Specific Gravity 0.940 g/cm³ ASTM D792 Molding Shrinkage - Flow 1.5 % ASTM D955 Hardness Nominal Value Unit Test Method Durometer Hardness (Shore A. 5 sec) 73 STM D792 Molding Shrinkage - Flow 1.5 % ASTM D955 Hardness Nominal Value Unit Test Method Durometer Hardness (Shore A. 5 sec) 73 STM D240 Elastomers Nominal Value Unit Test Method Tensile Stress (100% Strain) 3.70 MPa ASTM D412 Tensile Strength (Break) 5.20 MPa ASTM D412 Tensile Elongation (Break) 350 % ASTM D412 Tensile Elongation (Break) 39.0 kN/m ASTM D412 Tensile Fongth (Break) 39.0 kN/m ASTM D412 Tensile Fongth (Break) 39.0 kN/m ASTM D412 Tensile Fongth (Break) 300 kN/m ASTM D412 Tensile	Features	Fatigue Resistant			
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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 185 to 220 °C Front Temperature 190 to 220 °C	Tear Strength	39.0	kN/m	ASTM D624	
Drying Temperature 60.0 to 75.0 °C Drying Time 2.0 to 4.0 hr Rear Temperature 185 to 215 °C Middle Temperature 185 to 220 °C Front Temperature 190 to 220 °C	Compression Set (80°C, 70 hr)	58	%	ASTM D395	
Drying Time 2.0 to 4.0 hr Rear Temperature 185 to 215 °C Middle Temperature 185 to 220 °C Front Temperature 190 to 220 °C	Injection	Nominal Value	Unit		
Rear Temperature 185 to 215 °C Middle Temperature 185 to 220 °C Front Temperature 190 to 220 °C	Drying Temperature	60.0 to 75.0	°C		
Middle Temperature 185 to 220 °C Front Temperature 190 to 220 °C	Drying Time	2.0 to 4.0	hr		
Front Temperature 190 to 220 °C	Rear Temperature	185 to 215	°C		
·	Middle Temperature	185 to 220	°C		
Nozzle Temperature 195 to 220 °C	Front Temperature	190 to 220	°C		
	Nozzle Temperature	195 to 220	°C		

Processing (Melt) Temp	190 to 210	°C	
Mold Temperature	27.0 to 40.0	°C	

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