

Argothane® ST-2592-90

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Vacuum forming

Heat sealing

Characteristics:

Excellent heat sealing properties

Enhanced UV stability

Passes FMVSS-302 flammability criteria

General Information			
Features	Good UV Resistance		
	High Heat Resistance		
	High Melt Stability		
	Low Slip		
Uses	Sealing Devices		
	Seals		
Processing Method	Die Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	51.7	MPa	ASTM D638
Tensile Set	20	%	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D638
100% Strain	8.96	MPa	
300% Strain	17.9	MPa	
Tear Strength ¹	87.5	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Continuous Use Temperature	-30.0 to 93.0	°C	
Melting Temperature	174 to 196	°C	
NOTE			
1.	Die C		

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