

Argothane® 18422

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Die cut and seal

Bladders

Characteristics:

Matte 2 surface

Soft ether

Mid-range softening temperature

USP Class VI polymer

General Information	
Features	Soft
Uses	Bladders
	Seals
Agency Ratings	USP Class VI
Processing Method	Die Molding
	Extrusion

Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles, 1000 g, CS-18 Wheel)	30.0	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	70	%	ASTM D412
Tensile Stress			ASTM D412
100% Strain	7.60	MPa	
300% Strain	12.0	MPa	
Tensile Strength	33.0	MPa	ASTM D412
Tensile Elongation (Break)	640	%	ASTM D412
Tear Strength ¹	105	kN/m	ASTM D624

NOTE	
1.	Die C

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