

# Argothane® 18247

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

- Applications:
- General purpose
- Antistatic
- Characteristics:
- Smooth surface
- Soft ether
- Mid-range softening temperature
- Resin conforms to:
- FDA 175.105
- FDA 177.1680
- FDA 177.2600
- NSF Standard 61
- EU Directive 2002/72/EC
- No animal derived products

General Information			
Features	Antistatic		
	No Animal Derived Components		
	Soft		
Uses	General Purpose		
Agency Ratings	EU 2002/72/EC		
	FDA 21 CFR 175.105		
	FDA 21 CFR 177.1680		
	FDA 21 CFR 177.2600		
	NSF 61		
Processing Method	Blown Film		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles, 1000 g, CS-17 Wheel)	5.00	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Set (200% Strain)	21	%	ASTM D412
Tensile Stress			ASTM D412
100% Strain	6.80	MPa	
300% Strain	12.1	MPa	
Tensile Strength	48.3	MPa	ASTM D412
Tensile Elongation (Break)	570	%	ASTM D412
Tear Strength <sup>1</sup>	83.2	kN/m	ASTM D624

## NOTE

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