

# Argothane® 18450-FR

Thermoplastic Polyurethane Elastomer

Argotec LLC

## Message:

Applications:

Die cut and seal

Characteristics:

Clear finish

Soft ether

Mid-range softening temperature

FAR 25.853A

FMVSS-302

General Information	
Features	Soft
Uses	Seals
Agency Ratings	FAR 25.853 A
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, H-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 <sup>1</sup>	105	kN/m	ASTM D624

## NOTE

1. Die C

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