

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 ¹	105	kN/m	ASTM D624
NOTE			
1.	Die C		

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