

Argothane® 19424

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

- Applications:
- Textile lamination
- Characteristics:
- Smooth surface
- Hardest ether
- Highest softening temperature

General Information			
Features	High Hardness		
Uses	Laminates		
	Textile Applications		
Processing Method	Blown Film		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	95	ASTM D2240	
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance (1000 Cycles, 1000 g, CS-17 Wheel)	55.0	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	65	%	ASTM D412
Tensile Stress			ASTM D412
100% Strain	12.0	MPa	
300% Strain	21.0	MPa	
Tensile Strength	36.0	MPa	ASTM D412
Tensile Elongation (Break)	490	%	ASTM D412
Tear Strength ¹	140	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Melting Temperature	198 to 208	°C	
NOTE			
1.	Die C		

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