

Argothane® 18411

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

- Applications:
- Textile lamination
 - Medical devices
- Characteristics:
- Smooth and matte surfaces
 - Soft ether
 - Mid-range softening temperature
 - USP Class VI certified polymer
 - No slip/lube

General Information	
Features	Soft
Uses	Laminates
	Medical Devices
	Textile Applications
Agency Ratings	USP Class VI
Processing Method	Casting
	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
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission	3000	g/m ² /24 hr	ASTM E96
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

