

# Argothane® ST-1665-90

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Textile lamination

Characteristics:

Excellent heat resistance

One of highest melt temperatures in a thin film

UV stabilized

Low slip

General Information			
Features	Good UV Resistance		
	High Heat Resistance		
	High Melt Stability		
	Low Slip		
Uses	Laminates		
	Textile Applications		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	58.6	MPa	ASTM D638
Tensile Set	20	%	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D638
100% Strain	8.27	MPa	
300% Strain	19.0	MPa	
Tear Strength <sup>1</sup>	91.9	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Continuous Use Temperature	16.0 to 116	°C	
Melting Temperature	200 to 220	°C	
NOTE			
1.	Die C		

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#### 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

