

Argothane® ST-3850FS-85

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

- Applications:
- Antifungal
 - High humidity
- Characteristics:
- Enhanced UV stability
 - Low to high slip
 - Resists fungus attack
 - Performs well in high humidity
 - Good sealability

General Information			
Features	Fungus Resistant		
	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.2	MPa	ASTM D638
Tensile Set	25 to 30	%	ASTM D638
Tensile Elongation (Break)	520	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D638
100% Strain	6.55	MPa	
300% Strain	12.1	MPa	
Tear Strength ¹	87.5	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	-45.0 to 85.0	°C	ASTM D794
Melting Temperature	170 to 190	°C	
NOTE			
1.	Die C		

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