

# Argothane® TX2060

Thermoplastic Polyurethane Elastomer

Argotec LLC

## Message:

- Applications:
- Performance apparel & footwear
- Characteristics:
- Waterproof-breathable
  - Gloss, smooth or matte surface
  - Soft, quiet, excellent stretch & recovery
  - No processing additives
  - Good chemical resistance
  - Good hi-temperature resistance
  - No swelling or distortion from water soaking

General Information			
Features	Breathable		
	Good Chemical Resistance		
	Good Stretchability		
	High Gloss		
	High Heat Resistance		
	Low to No Water Absorption		
	Soft		
Uses	Consumer Applications		
	Footwear		
Processing Method	Die Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission <sup>1</sup>			ASTM E96
-- <sup>2</sup>	730	g/m <sup>2</sup> /24 hr	
-- <sup>3</sup>	850	g/m <sup>2</sup> /24 hr	
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	13.8 to 20.7	MPa	ASTM D412
Tensile Elongation (Break)	600 to 700	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	200	°C	ASTM D3418

NOTE	
1.	Procedure B
2.	upright, (23°C) at 50% RH, (25 microns)
3.	upright, (23°C) at 50% RH, (12 microns)

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