

# Baoding 69M92

Thermoplastic Polyurethane Elastomer (Polyester)

Baoding Bangtai Polymeric New-Materials Co.,Ltd

## Message:

Low Water Vapor Transmission  
Processing: Blowing film  
Properties: Excellent stability in machining and outstanding waterproof and breathable.  
Application: Laminated film for clothing, home textiles.

General Information			
Features	Breathable		
	Low to No Water Absorption		
Uses	Consumer Applications		
	Laminates		
	Textile Applications		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	1.19 to 1.23	g/cm <sup>3</sup>	JIS K7311
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	90 to 94		JIS K7311
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			JIS K7311
100% Strain	11.8	MPa	
300% Strain	27.5	MPa	
Tensile Strength	37.3	MPa	JIS K7311
Tensile Elongation (Break)	400	%	JIS K7311
Tear Strength	150	kN/m	JIS K7311
Extrusion	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0 to 5.0	hr	
Melt Temperature	180 to 220	°C	

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