

# Baoding 65E85

Thermoplastic Polyurethane Elastomer (Polyester)

Baoding Bangtai Polymeric New-Materials Co.,Ltd

## Message:

Processing: Extrusion  
Properties: Excellent flexibility and stability in machining.  
Application: Shoe sole, Shoe insole, Food conveyor, elastics, Mechanical transmission belt, Surfing rope, Air hose, Water hose, and other types of hoses, Oil pipe, cable, wire, etc.

General Information			
Features	Good Flexibility		
	Good Stability		
Uses	Belts/Belt Repair		
	Conveyors		
	Footwear		
	Hose		
	Piping		
	Rope		
	Wire & Cable Applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.18 to 1.22	g/cm <sup>3</sup>	JIS K7311
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	83 to 87		JIS K7311
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			JIS K7311
100% Strain	6.86	MPa	
300% Strain	15.7	MPa	
Tensile Strength	27.5	MPa	JIS K7311
Tensile Elongation (Break)	480	%	JIS K7311
Tear Strength	98	kN/m	JIS K7311
Extrusion	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0 to 5.0	hr	
Melt Temperature	180 to 210	°C	

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