

Baoding 67I90

Thermoplastic Polyurethane Elastomer (Polyester)

Baoding Bangtai Polymeric New-Materials Co.,Ltd

Message:

Processing: Injection molding
Properties: Shorter molding time, Good flexibility, Good hand feeling, Excellent Physical performance.
Application: Electronics coating, Key, Wire plug, Shoe, Hand Grip, Pedometer, Watch band, Air bag, Water balls, Electronics cover, Auto part, Dustproof cover, Garment accessories, Animal tag, Sealing gasket, Machine part, Composite modified, Roller, Sports equipment part etc.

General Information			
Features	Good Flexibility		
Uses	Automotive Applications		
	Coating Applications		
	Consumer Applications		
	Electrical/Electronic Applications		
	Footwear		
	Gaskets		
	Rollers		
	Sporting Goods		
	Wire & Cable Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18 to 1.22	g/cm³	JIS K7311
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	88 to 92		JIS K7311
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			JIS K7311
100% Strain	9.81	MPa	
300% Strain	23.5	MPa	
Tensile Strength	37.3	MPa	JIS K7311
Tensile Elongation (Break)	450	%	JIS K7311
Tear Strength	120	kN/m	JIS K7311
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0 to 5.0	hr	
Processing (Melt) Temp	170 to 200	°C	

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