

TPUCO® TPUI-E80

Thermoplastic Polyurethane Elastomer (Polyester)

Taiwan PU Corporation

Message:

TPUCO® TPUI-E80 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) material. It is available in Asia Pacific for injection molding. Important attributes of TPUCO® TPUI-E80 are:

Wear Resistant

Chemical Resistant

Typical applications include:

Consumer Goods

Sporting Goods

General Information			
Features	Good Abrasion Resistance		
	Good Wear Resistance		
	Oil Resistant		
Uses	Footwear		
	O-rings		
	Sporting Goods		
	Wheels		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	40.0	mg	
Impact Resilience	45	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	5.39	MPa	
300% Strain	7.85	MPa	
Tensile Strength (Break)	31.4	MPa	ASTM D412
Tensile Elongation (Break)	800	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 3 Temp.	175	°C	
Cylinder Zone 5 Temp.	180	°C	
Adapter Temperature	185	°C	
Die Temperature	185	°C	

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Recommended distributors for this material

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