

# TPUCO® TPUI-E98

Thermoplastic Polyurethane Elastomer (Polyester)

Taiwan PU Corporation

## Message:

TPUCO® TPUI-E98 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) material. It is available in Asia Pacific for injection molding. Important attributes of TPUCO® TPUI-E98 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)	98		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	35.0	mg	
Impact Resilience	25	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	12.7	MPa	
300% Strain	20.6	MPa	
Tensile Strength (Break)	42.2	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	190	°C	
Cylinder Zone 3 Temp.	195	°C	
Cylinder Zone 5 Temp.	200	°C	
Adapter Temperature	205	°C	
Die Temperature	205	°C	

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