

TPUCO® TPUI-H90

Thermoplastic Polyurethane Elastomer (Polyether)

Taiwan PU Corporation

Message:

TPUCO® TPUI-H90 is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) material. It is available in Asia Pacific for injection molding.
Primary attribute of TPUCO® TPUI-H90: Wear Resistant.
Typical applications include:
Consumer Goods
Sporting Goods

General Information			
Features	Good Abrasion Resistance		
	Low Compression Set		
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)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	25.0	mg	
Impact Resilience	50	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	8.34	MPa	
300% Strain	13.7	MPa	
Tensile Strength (Break)	39.2	MPa	ASTM D412
Tensile Elongation (Break)	550	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	180	°C	
Cylinder Zone 3 Temp.	185	°C	
Cylinder Zone 5 Temp.	190	°C	
Adapter Temperature	195	°C	
Die Temperature	195	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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