

TPUCO® TPUI-E85

Thermoplastic Polyurethane Elastomer (Polyester)

Taiwan PU Corporation

Message:

TPUCO® TPUI-E85 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) material. It is available in Asia Pacific for injection molding. Important attributes of TPUCO® TPUI-E85 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)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	35.0	mg	
Impact Resilience	40	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	6.86	MPa	
300% Strain	10.8	MPa	
Tensile Strength (Break)	35.3	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	175	°C	
Cylinder Zone 3 Temp.	180	°C	
Cylinder Zone 5 Temp.	185	°C	
Adapter Temperature	190	°C	
Die Temperature	190	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

