

TPUCO® TPU-CH85

Thermoplastic Polyurethane Elastomer (Polyether)

Taiwan PU Corporation

Message:

TPUCO® TPU-CH85 is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) material. It is available in Asia Pacific for calendering. Primary attribute of TPUCO® TPU-CH85: Wear Resistant.

Typical applications include:

Film

Sheet

General Information			
Features	Good Abrasion Resistance		
	Good Wear Resistance		
	Hydrolysis Resistant		
Uses	Film		
	Sheet		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Calendering		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	26.0	mg	
Impact Resilience	60	%	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	3.92	MPa	
300% Strain	5.88	MPa	
Tensile Strength (Break)	21.6	MPa	ASTM D412
Tensile Elongation (Break)	950	%	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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