

Mirathane™ E295U

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E295U is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E295U include hose/tubing, film and sheet.

General Information			
Uses	Film		
	Hose		
	Sheet		
	Tubing		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	25.0	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	15.0	MPa	
300% Strain	23.0	MPa	
Tensile Strength (Yield)	35.0	MPa	ASTM D412
Tensile Elongation (Break)	360	%	ASTM D412
Tear Strength	140	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-20.0	°C	ASTM D3417
Additional Information	Nominal Value		Test Method
UV Resistance	4.00		ASTM D1148

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