

Mirathane™ E270P

Thermoplastic Polyurethane Elastomer (Polyester)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ E270P is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Mirathane™ E270P include additive/masterbatch and consumer goods.

General Information			
Features	Soft		
Uses	Compounding		
	Footwear		
	Plastics Modification		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	80.0	mm ³	DIN 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	3.00	MPa	
300% Strain	5.00	MPa	
Tensile Strength (Yield)	20.0	MPa	ASTM D412
Tensile Elongation (Break)	610	%	ASTM D412
Tear Strength	60.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature ¹	-42.0	°C	ASTM D3417
NOTE			
1.	10°C/min		

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