

Mirathane™ L90

Thermoplastic Polyurethane Elastomer (Polycaprolactone)

Miracll Chemicals Co., Ltd.

Message:

Mirathane™ L90 is a Thermoplastic Polyurethane Elastomer (Polycaprolactone) (TPU-Capro) product. It is available in Asia Pacific. Applications of Mirathane™ L90 include engineering/industrial parts, film, sealing applications and sheet.

General Information			
Uses	Film		
	Gaskets		
	Seals		
	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	15.0	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	10.0	MPa	
300% Strain	18.0	MPa	
Tensile Strength (Yield)	35.0	MPa	ASTM D412
Tensile Elongation (Break)	430	%	ASTM D412
Tear Strength	125	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 72 hr	25	%	
70°C, 22 hr	40	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature ¹	-40.0	°C	ASTM D3417
NOTE			
1.	10°C/min		

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