

MIRATHANE® L90

TPU

Miracll Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	12	MPa	ASTM D 412
Modulus at 300% Elongation	27	MPa	ASTM D 412
Shore A Hardness	92	-	ASTM D 2240
Tear Strength	150	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	27	%	ASTM D 395
Tensile Strength	45	MPa	ASTM D 412
Elongation at Break	450	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-38	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

Hydrolytically Stable, Oil Resistance

Regional Availability

North America, Europe, Asia Pacific

Applications

Electrical and Electronical