

MIRATHANE® L80

TPU

Miracell Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	5	MPa	ASTM D 412
Modulus at 300% Elongation	10	MPa	ASTM D 412
Shore A Hardness	82	-	ASTM D 2240
Tear Strength	110	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	27	%	ASTM D 395
Tensile Strength	38	MPa	ASTM D 412
Elongation at Break	550	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-42	°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