

MIRATHANE® L55D

TPU

Miracell Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	18	MPa	ASTM D 412
Modulus at 300% Elongation	38	MPa	ASTM D 412
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	180	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	33	%	ASTM D 395
Tensile Strength	52	MPa	ASTM D 412
Elongation at Break	380	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-36	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

Hydrolytically Stable, Oil Resistance

Regional Availability

North America, Europe, Asia Pacific

Applications

Electrical and Electronical