

MIRATHANE® M90

TPU

Miracell Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	9	MPa	ASTM D 412
Modulus at 300% Elongation	16	MPa	ASTM D 412
Shore A Hardness	92	-	ASTM D 2240
Tear Strength	110	kN/m	ASTM D 624
Tensile Strength	39	MPa	ASTM D 412
Elongation at Break	500	%	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	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Wire/Cable Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific