

MIRATHANE® M85Z

TPU

Miracell Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	6	MPa	ASTM D 412
Modulus at 300% Elongation	11	MPa	ASTM D 412
Shore A Hardness	88	-	ASTM D 2240
Tear Strength	75	kN/m	ASTM D 624
Tensile Strength	15	MPa	ASTM D 412
Elongation at Break	400	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Glass Transition Temperature	-40	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ASTM D 792

Characteristics**Processing**

Wire/Cable Extrusion

Special Characteristics

Flame retardant, Halogen-free

Features

Low Smoke, Thermal Stability

Chemical Resistance

Hydrolytically Stable, Oil Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific