

MIRATHANE® M55D

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	27	MPa	ASTM D 412
Shore D Hardness	55	-	ASTM D 2240
Tear Strength	150	kN/m	ASTM D 624
Tensile Strength	42	MPa	ASTM D 412
Elongation at Break	400	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-30	°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

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