

MIRATHANE® V180

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	10	MPa	ASTM D 412
Shore A Hardness	82	-	ASTM D 2240
Tear Strength	70	kN/m	ASTM D 624
Tensile Strength	18	MPa	ASTM D 412
Elongation at Break	800	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-53	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Film Extrusion, Wire/Cable Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Color Stability, Soft Feel

Chemical Resistance

General Chemical Resistance, Solvent Resistance

Applications

Electrical and Electronical