

MIRATHANE® C85

TPU

Miracell Chemicals Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	7	MPa	ASTM D 412
Modulus at 300% Elongation	16	MPa	ASTM D 412
Shore A Hardness	86	-	ASTM D 2240
Tear Strength	100	kN/m	ASTM D 624
Tensile Strength	40	MPa	ASTM D 412
Elongation at Break	450	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-25	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Chemical Resistance

Hydrolytically Stable, Oil Resistance