

MIRATHANE® E175DL

TPU

Miracell Chemicals Co., Ltd.

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Modulus at 100% Elongation | 25 | MPa | ASTM D 412 |
| Modulus at 300% Elongation | 40 | MPa | ASTM D 412 |
| Shore D Hardness | 75 | - | ASTM D 2240 |
| Tear Strength | 190 | kN/m | ASTM D 624 |
| Tensile Strength | 55 | MPa | ASTM D 412 |
| Elongation at Break | 400 | % | ASTM D 412 |

| Thermal properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Glass Transition Temperature | -15 | °C | ASTM E 1356 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1220 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Wire/Cable Extrusion

Applications

Electrical and Electronical

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, Asia Pacific