

Product Texts

Aromatic polyether copolymer-based TPU.

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-----------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 30 | MPa | ISO 527 |
| Stress at 100% elongation | 3 | MPa | ISO 527 |
| Stress at 300% elongation | 5 | MPa | ISO 527 |
| Strain at break TPE | 710 | % | ISO 527 |
| Tear strength | 65 | kN/m | ISO 34-1 |
| Abrasion resistance | 25 | mm ³ | ISO 4649 |
| Shore A hardness | 72 | - | ISO 7619-1 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1070 | kg/m ³ | ISO 1183 |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 100 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Zone 1 | 170 - 190 | °C | - |
| Zone 2 | 180 - 205 | °C | - |
| Zone 3 | 190 - 215 | °C | - |
| Zone 4 | 180 - 190 | °C | - |
| Nozzle temperature | 185 - 190 | °C | - |

Characteristics

Processing

Injection Molding, Other Extrusion

Chemical Resistance

Hydrolytically Stable

Features

Copolymer

Regional Availability

North America, Europe