

Estane® 58311 TPU

TPU

Lubrizol Advanced Materials Spain S.L.

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Modulus at 100% Elongation | 6.21 | MPa | ASTM D 412 |
| Modulus at 300% Elongation | 3.91 | MPa | ASTM D 412 |
| Shore A Hardness | 85 | - | ASTM D 2240 |
| Tear Strength | 68.3 | kN/m | ASTM D 624 |

| Thermal properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melting Temperature | 135 | °C | ASTM D 3418 |
| Glass Transition Temperature | -48.9 | °C | ASTM E 1356 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1130 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Film Extrusion, Profile Extrusion

Delivery form

Pellets

Chemical Resistance

Hydrolytically Stable

Certifications

Food contact, Food approval FDA 21 CFR, Drinking water contact, Drinking water contact NSF 61

Regional Availability

North America, Europe, Asia Pacific