

POLYPUR® FPU 1377

TPU

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.1 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.3 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Elongation at Break | 30 | % | ASTM D 638 |
| Flexural Modulus | 690 | MPa | ASTM D 790 |
| Tear Strength | 105 | kN/m | ASTM D 624 |
| Izod Impact notched, 1/8 in | 404 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 77 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1270 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Regional Availability

North America