

Lucent PBT GPB-FR515

PBT-GF15

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.005 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 89.6 | MPa | ASTM D 638 |
| Elongation at Break | 3 | % | ASTM D 638 |
| Flexural Modulus | 4826 | MPa | ASTM D 790 |
| Flexural Strength | 124 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 64.1 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 3.18 | mm | - |
| DTUL @ 264 psi | 157 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1520 | kg/m ³ | ASTM D 792 |

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

North America