

Matrixx FP63E23

PA6-GF23

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.035 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 145 | MPa | ASTM D 638 |
| Flexural Modulus | 6210 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 64 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.5 | mm | - |
| DTUL @ 66 psi | 202 | °C | ASTM D 648 |
| DTUL @ 264 psi | 196 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1290 | kg/m ³ | ASTM D 792 |

Characteristics**Regional Availability**

North America