

ComAlloy E-12812

PA66-GX

LyondellBasell Industries

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.009 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Break | 99.3 | MPa | ASTM D 638 |
| Flexural Modulus | 4819 | MPa | ASTM D 790 |
| Flexural Strength | 161 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 42.7 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 219 | °C | ASTM D 648 |
| DTUL @ 264 psi | 203 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1220 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Regional Availability

North America