

UBE Nylon 1015 GNKF

PA6-GF30

UBE

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.002 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.007 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Break | 185 | MPa | ASTM D 638 |
| Elongation at Break | 5 | % | ASTM D 638 |
| Compressive Strength | 111 | MPa | ASTM D 695 |
| Flexural Modulus | 8500 | MPa | ASTM D 790 |
| Flexural Strength | 285 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 274 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------|------------|------|---------------|
| ASTM Data | | | |
| DTUL @ 264 psi | 215 | °C | ASTM D 648 |
| Melting Temperature | 215 | °C | ASTM D 3418 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1360 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Features

Weldable

Delivery form

Black

Regional Availability

Europe

Additives

Release agent