

Velocity® LGF60-PA6

Polyamide 6
PlastiComp, Inc.

Message:

Velocity® LGF60-PA6 is a Polyamide 6 (Nylon 6) product filled with 60% long glass fiber. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
RoHS Compliant
High Flow

| General Information | | | |
|---|---------------------------------------|-------|-------------|
| Filler / Reinforcement | Long Glass Fiber,60% Filler by Weight | | |
| Features | High Flow | | |
| RoHS Compliance | RoHS Compliant | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.69 | g/cm³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 20000 | MPa | ASTM D638 |
| Tensile Strength | 255 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 1.0 to 2.0 | % | ASTM D638 |
| Flexural Modulus | 17200 | MPa | ASTM D790 |
| Flexural Strength | 407 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 320 | J/m | ASTM D256 |
| Unnotched Izod Impact | 1300 | J/m | ASTM D4812 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 221 | °C | ASTM D648 |

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