

Complet® LCF25-LGF25-PA66

Polyamide 66
PlastiComp, Inc.

Message:

Complet® LCF25-LGF25-PA66 is a polyamide 66 (nylon 66) product, which contains 25% long glass fibers and 25% long carbon fibers. It is available in North America, Europe or Asia Pacific. The main features are: Rohs certification.

| General Information | | | |
|---|---|-------------------|-------------|
| Filler / Reinforcement | Long glass fiber, 25% filler by weight | | |
| | Long carbon fiber, 25% filler by weight | | |
| RoHS Compliance | RoHS compliance | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.47 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 26200 | MPa | ASTM D638 |
| Tensile Strength | 293 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 1.0 - 2.0 | % | ASTM D638 |
| Flexural Modulus | 21400 | MPa | ASTM D790 |
| Flexural Strength | 431 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 320 | J/m | ASTM D256 |
| Unnotched Izod Impact | 960 | J/m | ASTM D4812 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 249 | °C | ASTM D648 |

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