

Velocity® LCF50-PA6

Polyamide 6
PlastiComp, Inc.

Message:

Velocity® LCF50-PA6 is a Polyamide 6 (Nylon 6) product filled with 50% long carbon fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
RoHS Compliant
High Flow

| General Information | | | |
|---|--|-------|-------------|
| Filler / Reinforcement | Long Carbon Fiber,50% Filler by Weight | | |
| Features | High Flow | | |
| RoHS Compliance | RoHS Compliant | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.39 | g/cm³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 37200 | MPa | ASTM D638 |
| Tensile Strength | 310 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 1.0 | % | ASTM D638 |
| Flexural Modulus | 28300 | MPa | ASTM D790 |
| Flexural Strength | 503 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 200 | J/m | ASTM D256 |
| Unnotched Izod Impact | 830 | J/m | ASTM D4812 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 249 | °C | ASTM D648 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.
Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT