

Chiao Fu PA6 MC312G40 BK

Polyamide 6

Chiao Fu Enterprises Co., Ltd.

Message:

Chiao Fu PA6 MC312G40 BK is a Polyamide 6 (Nylon 6) product filled with 40% glass fiber. It is available in Asia Pacific, Europe, or North America.

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,40% Filler by Weight | | |
| Appearance | Black | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.43 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (235°C/2.16 kg) | 10 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | < 0.20 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 127 | MPa | ASTM D638 |
| Tensile Elongation (Break) | < 5.0 | % | ASTM D638 |
| Flexural Modulus | 7550 | MPa | ASTM D790 |
| Flexural Strength | 196 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 88 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 205 | °C | ASTM D648 |

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