

# Chiao Fu PA6 MC312G30 BK

Polyamide 6

Chiao Fu Enterprises Co., Ltd.

## Message:

Chiao Fu PA6 MC312G30 BK is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America.

| General Information                                     |                                  |                   |             |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement                                  | Glass Fiber,30% Filler by Weight |                   |             |
| Appearance  | Black                            |                   |             |
| Physical  | Nominal Value                    | Unit              | Test Method |
| Specific Gravity  | 1.33                             | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)               | 15                               | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                                | < 0.25                           | %                 | ASTM D955   |
| Mechanical  | Nominal Value                    | Unit              | Test Method |
| Tensile Strength  | 98.1                             | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | < 5.0                            | %                 | ASTM D638   |
| Flexural Modulus  | 6370                             | MPa               | ASTM D790   |
| Flexural Strength                                       | 162                              | MPa               | ASTM D790   |
| Impact  | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact                                     | 78                               | J/m               | ASTM D256   |
| Thermal   | Nominal Value                    | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 203                              | °C                | ASTM D648   |

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## Recommended distributors for this material

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