

Chiao Fu PA66 MD212G33 NAT

Polyamide 66

Chiao Fu Enterprises Co., Ltd.

Message:

Chiao Fu PA66 MD212G33 NAT is a Polyamide 66 (Nylon 66) product filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America. Primary characteristic: rohs compliant.

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| UL YellowCard | E135541-556848 | | |
| Filler / Reinforcement | Glass Fiber,33% Filler by Weight | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | Natural Color | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.40 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (235°C/2.16 kg) | 20 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | < 0.25 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 167 | MPa | ASTM D638 |
| Tensile Elongation (Break) | < 5.0 | % | ASTM D638 |
| Flexural Modulus | 7750 | MPa | ASTM D790 |
| Flexural Strength | 255 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 160 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 245 | °C | ASTM D648 |

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