

Cheng Yu N6G25

Polyamide 6

Cheng Yu Plastic Company Limited

Message:

Cheng Yu N6G25 is a Polyamide 6 (Nylon 6) product filled with 25% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

| General Information | | | |
|--|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,25% Filler by Weight | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.80 to 1.5 | % | ASTM D955 |
| Water Absorption (24 hr) | 0.20 | % | ASTM D570 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (M-Scale) | 100 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 169 | MPa | ASTM D638 |
| Flexural Strength | 260 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 91 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 234 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | HB | | UL 94 |

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