

NYLOY® MG-1033NM

Polyamide 66

Nytex Composites Co., Ltd.

Message:

NYLOY® MG-1033NM is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in Asia Pacific or North America. Primary attribute of NYLOY® MG-1033NM: Impact Modified.

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,33% Filler by Weight | | |
| Additive | Impact Modifier | | |
| Features | Impact Modified | | |
| Appearance | Natural Color | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.17 | g/cm ³ | ASTM D792 |
| Molding Shrinkage | | | ASTM D955 |
| Flow | 0.44 | % | |
| Across Flow | 1.1 | % | |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 115 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 147 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 3.0 | % | ASTM D638 |
| Flexural Modulus | 7650 | MPa | ASTM D790 |
| Flexural Strength | 226 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 220 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 235 | °C | ASTM D648 |

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Recommended distributors for this material

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