

MAXAMID™ PA66MG40-NC010

Polyamide 66

Pier One Polymers, Inc.

Message:

MAXAMID™ PA66MG40 is also available in black, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request

| General Information | | | |
|---|------------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass\Mineral,40% Filler by Weight | | |
| Appearance | Black | | |
| | Natural Color | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.46 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (23°C) | 121 | MPa | ASTM D638 |
| Tensile Elongation (Break, 23°C) | 3.0 | % | ASTM D638 |
| Flexural Modulus (23°C) | 7930 | MPa | ASTM D790 |
| Flexural Strength (23°C) | 186 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 54 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 240 | °C | ASTM D648 |
| Melting Temperature | 255 | °C | DSC |
| Injection | Nominal Value | Unit | |
| Suggested Max Moisture | < 0.20 | % | |
| Processing (Melt) Temp | 290 to 305 | °C | |
| Mold Temperature | 65.0 to 120 | °C | |

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Recommended distributors for this material

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