

# MAXAMID™ PA666G60 BK

Polyamide 66/6 Copolymer

Pier One Polymers, Inc.

## Message:

MAXAMID™ PA666G60 is available in natural and black, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

| General Information              |                                  |                   |             |
|----------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement           | Glass Fiber,60% Filler by Weight |                   |             |
| Appearance                       | Black                            |                   |             |
|                                  | Natural Color                    |                   |             |
| Forms                            | Pellets                          |                   |             |
| Processing Method                | Injection Molding                |                   |             |
| Physical                         | Nominal Value                    | Unit              | Test Method |
| Specific Gravity                 | 1.70                             | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                       | Nominal Value                    | Unit              | Test Method |
| Tensile Strength (23°C)          | 207                              | MPa               | ASTM D638   |
| Tensile Elongation (Break, 23°C) | 3.0                              | %                 | ASTM D638   |
| Flexural Modulus (23°C)          | 15900                            | MPa               | ASTM D790   |
| Flexural Strength (23°C)         | 290                              | MPa               | ASTM D790   |
| Impact                           | Nominal Value                    | Unit              | Test Method |
| Notched Izod Impact (23°C)       | 160                              | J/m               | ASTM D256   |
| Thermal                          | Nominal Value                    | Unit              | Test Method |
| Peak Melting Temperature         | 240                              | °C                | ASTM D3418  |
| 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

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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