

# SEPAZ™ LA60

Polyamide 66

Mando Advanced Materials Co., Ltd.

## Message:

SEPAZ™ LA60 is a Polyamide 66 (Nylon 66) product filled with 60% long glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

| General Information                                     |                                       |                   |             |
|---|---------------------------------------|-------------------|-------------|
| Filler / Reinforcement                                  | Long Glass Fiber,60% Filler by Weight |                   |             |
| Physical  | Nominal Value                         | Unit              | Test Method |
| Specific Gravity  | 1.71                                  | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage <sup>1</sup>                          |                                       |                   | ASTM D955   |
| Flow  | 0.15                                  | %                 |             |
| Across Flow   | 0.20                                  | %                 |             |
| Water Absorption (24 hr)                                | 0.50                                  | %                 | ASTM D570   |
| Mechanical  | Nominal Value                         | Unit              | Test Method |
| Tensile Strength  | 250                                   | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | 1.6                                   | %                 | ASTM D638   |
| Flexural Modulus  | 17700                                 | MPa               | ASTM D790   |
| Flexural Strength                                       | 392                                   | MPa               | ASTM D790   |
| Impact  | Nominal Value                         | Unit              | Test Method |
| Notched Izod Impact                                     | 320                                   | J/m               | ASTM D256   |
| Thermal   | Nominal Value                         | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 249                                   | °C                | ASTM D648   |
| Flammability  | Nominal Value                         |                   | Test Method |
| Flame Rating  | HB                                    |                   | UL 94       |
| Injection   | Nominal Value                         | Unit              |             |
| Processing (Melt) Temp                                  | 280 to 300                            | °C                |             |
| Mold Temperature  | 90.0 to 120                           | °C                |             |
| NOTE  |                                       |                   |             |
| 1.  | 60°C Mold Temperature                 |                   |             |

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## Recommended distributors for this material

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