

SEPAZ™ LB30

Polyamide 6

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ LB30 is a Polyamide 6 (Nylon 6) product filled with 30% long glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

| General Information | | | |
|---|---------------------------------------|-------------------|-------------|
| Filler / Reinforcement | Long Glass Fiber,30% Filler by Weight | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.37 | g/cm ³ | ASTM D792 |
| Molding Shrinkage ¹ | | | ASTM D955 |
| Flow | 0.30 | % | |
| Across Flow | 0.40 | % | |
| Water Absorption (24 hr) | 1.2 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 162 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 3.5 | % | ASTM D638 |
| Flexural Modulus | 8340 | MPa | ASTM D790 |
| Flexural Strength | 240 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 240 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 215 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | HB | | UL 94 |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 250 to 280 | °C | |
| Mold Temperature | 80.0 to 100 | °C | |
| NOTE | | | |
| 1. | 60°C Mold Temperature | | |

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Recommended distributors for this material

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