

Plaslube® PA6 HS L MB

Polyamide 6
Techmer Engineered Solutions

Message:

Plaslube® PA6 HS L MB is a Polyamide 6 (Nylon 6) product. It can be processed by injection molding and is available in North America.
Characteristics include:
Heat Stabilizer
Lubricated

| General Information | | | |
|-------------------------------------|-------------------|-------------------|-------------|
| Additive | Heat Stabilizer | | |
| | Lubricant | | |
| Features | Heat Stabilized | | |
| | Lubricated | | |
| Appearance | Colors Available | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.13 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow (3.18 mm) | 1.2 | % | ASTM D955 |
| Water Absorption (24 hr) | 1.6 | % | ASTM D570 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 119 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 79.3 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 70 | % | ASTM D638 |
| Flexural Modulus | 2830 | MPa | ASTM D790 |
| Flexural Strength | 108 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 59 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 178 | °C | |
| 1.8 MPa, Unannealed | 65.0 | °C | |
| CLTE - Flow | 8.3E-5 | cm/cm/°C | ASTM D696 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity | 1.0E+13 | ohms · cm | ASTM D257 |
| Dielectric Strength ¹ | 18 | kV/mm | ASTM D149 |
| Additional Information | Nominal Value | | |

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| TPCI # | 7018102 |
| NOTE | |
| 1. | Method A (Short-Time) |

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