

Product Texts

Nontoxic alternative to Lead (Pb)

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 3000 | MPa | ISO 527 |
| Tensile Strength | 35 | MPa | ISO 527 |
| Strain at break | 2 | % | ISO 527 |
| Flexural modulus, 23°C | 4100 | MPa | ISO 178 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 11000 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Processing humidity | ≤0.2 | % | - |
| Melt temperature | 265 - 290 | °C | - |
| Mold temperature | 65 - 90 | °C | - |

Characteristics

Processing

Injection Molding

Chemical Resistance

Radiation Resistance

Delivery form

Pellets

Regional Availability

North America

Features

EMI Attenuation/Shielding, Low Odor