

PEXTIN™ PBT125-BK10

Polybutylene Terephthalate

Pier One Polymers, Inc.

Message:

Pextin™ PBT125 is available in black only, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Appearance | Black | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.31 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (23°C) | 53.8 | MPa | ASTM D638 |
| Tensile Elongation (Break, 23°C) | 100 | % | ASTM D638 |
| Flexural Modulus (23°C) | 2410 | MPa | ASTM D790 |
| Flexural Strength (23°C) | 86.2 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 54 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 54.0 | °C | ASTM D648 |
| Injection | Nominal Value | Unit | |
| Suggested Max Moisture | < 0.020 | % | |
| Processing (Melt) Temp | 232 to 266 | °C | |
| Mold Temperature | 43.0 to 60.0 | °C | |

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Recommended distributors for this material

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