

Megalloy® PC/PBT-1000R

Polycarbonate + PBT

Mega Polymers

Message:

Injection Grade Polycarbonate/PBT alloy with internal release

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Additive | Mold Release | | |
| Features | Good Mold Release | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.21 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 35 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (3.18 mm) | 0.90 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 50.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 100 | % | ASTM D638 |
| Flexural Modulus | 2060 | MPa | ASTM D790 |
| Flexural Strength | 86.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 620 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 125 | °C | ASTM D648 |

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