

EnviroPCPBT 3212

Polycarbonate + PBT

West Michigan Compounding

Message:

EnviroPCPBT 3212 is a polycarbonate polybutene terephthalate (PC PBT) product. It can be processed by injection molding and is available in North America. The main characteristics are: impact resistance.

| General Information | | | |
|----------------------------|-------------------------|-------------------|-----------------|
| Features | Impact resistance, high | | |
| Appearance | Black | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.19 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 32 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 47.6 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 54 | % | ASTM D638 |
| Flexural Modulus | 1920 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 620 | J/m | ASTM D256 |
| Dart Drop Impact | > 36.2 | J | Internal method |

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