

EnviroPC 1512

Polycarbonate

West Michigan Compounding

Message:

EnviroPC 1512 is a Polycarbonate (PC) product. It can be processed by injection molding and is available in North America.

| General Information | | | |
|--|-------------------|-------------------|-----------------|
| Features | General Purpose | | |
| Uses | General Purpose | | |
| Appearance | Black | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (300°C/1.2 kg) | 15 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 0.60 to 0.80 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 61.4 | MPa | ASTM D638 |
| Flexural Modulus | 2340 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 640 | J/m | ASTM D256 |
| Gardner Impact | 36.2 | J | Internal Method |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 132 | °C | ASTM D648 |

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