

DynaMix™ 1727

Polycarbonate + PBT

Polymer Dynamix

Message:

- PC/PBT
- Features:
- Excellent Chemical Resistance
- Low Temperature Impact Resistance
- Good Dimensional Stability
- Great UV Stability
- Applications:
- Automotive
- Agricultural/Lawn and Garden
- Small Appliances
- Industrial

| General Information | | | |
|-------------------------------------|-----------------------------------|-------|-------------|
| Features | Good Chemical Resistance | | |
| | Good Dimensional Stability | | |
| | Good UV Resistance | | |
| | Low Temperature Impact Resistance | | |
| Uses | Agricultural Applications | | |
| | Automotive Applications | | |
| | Industrial Applications | | |
| | Lawn and Garden Equipment | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 53.1 | MPa | |
| Break | 52.4 | MPa | |
| Tensile Elongation | | | ASTM D638 |
| Yield | 7.0 | % | |
| Break | > 120 | % | |
| Flexural Modulus | 2070 | MPa | ASTM D790 |
| Flexural Strength | 82.7 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 640 to 750 | J/m | ASTM D256 |

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