

TEREZ NatureGran PO1000

Polylactic Acid
TER HELL PLASTIC GMBH

Message:
Compound based on PLA. Partially based on renewable raw materials. Semitransparent.
For injection moulding applications.

| General Information | | | |
|---|----------------------------|-------------------|-------------|
| Features | Renewable Resource Content | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.24 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 35 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 3570 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 2.7 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 3.8 | kJ/m ² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 19 | kJ/m ² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 51.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 62.0 | °C | ISO 306/A |

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