**JPPLA**

PLA

**Typical Material Properties**

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| General |  |  |
| Material Status | Commercial: Active |  |
| Availability | North America |  |
| Features | Biodegradable | High Heat Resistance |
|  | Renewable Resource Content |  |
| Appearance | Opaque |  |
| Forms | Pellets |  |
| Processing Method | Extrusion | Thermoforming |

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| Physical Properties | Nominal Values | Test Method |
| Specific Gravity | 1.30 | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 10 g/10 min | ASTM D1238 |

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| Mechanical Properties |  |  |
| Tensile Strength |  | ASTM D638 |
| Yield | 9000 psi |  |
| Break | 8100 psi |  |
| Tensile Elongation (Break) | 3.0 % | ASTM D638 |

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| Impact |  |  |
| Notched Izod Impact | 0.37 ft·lb/in | ASTM D256 |

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| Extrusion | Nominal Value |  |
| Drying Temperature | 158 °F |  |
| Drying Time | 4.0 hr |  |
| Suggested Max Moisture | 0.025 % |  |
| Adapter Temperature | 390 °F |  |
| Melt Temperature | 380 °F |  |
| Die Temperature | 390 °F |  |