

# Ecolent™ PPH

Polypropylene Homopolymer

Lucent Polymers, Inc.

## Message:

Homopolymer Polypropylene

Recycled Content

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

| General Information                                     |               |                   |             |
|---------------------------------------------------------|---------------|-------------------|-------------|
| Recycled Content                                        | Yes           |                   |             |
| Features                                                | Homopolymer   |                   |             |
| Physical                                                | Nominal Value | Unit              | Test Method |
| Specific Gravity                                        | 0.968         | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)               | 10            | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow (3.18 mm)                      | 1.6           | %                 |             |
| Mechanical                                              | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                                | 34.5          | MPa               | ASTM D638   |
| Tensile Elongation (Break)                              | > 10          | %                 | ASTM D638   |
| Flexural Modulus                                        | 1240          | MPa               | ASTM D790   |
| Flexural Strength                                       | 37.9          | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value | Unit              | Test Method |
| Notched Izod Impact (3.18 mm)                           | 27            | J/m               | ASTM D256   |
| Thermal                                                 | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 51.7          | °C                | ASTM D648   |

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## Recommended distributors for this material

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