

Mapolene PPH040 is a homopolymer polypropylene resin designed for slit film, raffia applications. Its unique formulation provides excellent low water carryover.

**Mapolene PPH040**

**Polypropylene ~ Homopolymer  
Slit Film**

Melt Flow 4  
Izod 0.7

| Properties <sup>1</sup>              | ASTM       | Units             | Value   |
|--------------------------------------|------------|-------------------|---------|
| Melt Flow Rate (230°C/2.16 kg)       | ASTM D1238 | g/10 min          | 4.0     |
| Density                              | ASTM D1505 | g/cm <sup>3</sup> | .900    |
| Tensile Strength at Yield (2 in/min) | ASTM D638  | psi               | 5200    |
| Flexural Modulus (1% Secant)         | ASTM D790  | psi               | 220,000 |
| Izod Impact, Notched @73°            | ASTM D256  | ft-lb/in          | 0.7     |
| Elongation at Yield                  | ASTM D638  | %                 | 9       |
| Heat Deflection Temperature @66 psi  | ASTM D648  | °F                | 210     |

This material meets the Food and Drug Administration requirements of 21CFR 177.1520.

<sup>1</sup>Properties will vary and are not to be used for specification purposes.