

Mapolene PPH200NA is a homopolymer polypropylene resin with fast cycle time and easy mold release. It has use in injection molded applications including appliances, closures and thin wall parts. It contains a unique combination of stabilizers and additives, including nucleation and antistat which provides excellent processability and good end use performance.

**Mapolene PPH200NA**

|                                    |           |     |
|------------------------------------|-----------|-----|
| <b>Polypropylene ~ Homopolymer</b> | Melt Flow | 20  |
| General Purpose Injection Molding  | Izod      | 0.6 |

| Properties <sup>1</sup>              | ASTM       | Units             | Value   |
|--------------------------------------|------------|-------------------|---------|
| Melt Flow Rate (230°C/2.16 kg)       | ASTM D1238 | g/10 min          | 20      |
| Density                              | ASTM D1505 | g/cm <sup>3</sup> | .900    |
| Tensile Strength at Yield (2 in/min) | ASTM D638  | psi               | 5800    |
| Flexural Modulus (1% Secant)         | ASTM D790  | psi               | 270,000 |
| Izod Impact, Notched @73°            | ASTM D256  | ft-lb/in          | 0.6     |
| Elongation at Yield                  | ASTM D638  | %                 | 6       |
| Heat Deflection Temperature @66 psi  | ASTM D648  | °F                | 259     |

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.