

Mapolene PPH120 is a homopolymer polypropylene resin designed for general purpose injection molding applications including closures, small appliances, housewares and toys. It contains a unique combination of stabilizers, which provides excellent processability with good stiffness, environmental stress crack resistance, heat performance and minimal odor & taste.

Mapolene PPH120

| | | |
|------------------------------------|-----------|-----|
| Polypropylene ~ Homopolymer | Melt Flow | 12 |
| General Purpose Injection Molding | Izod | 0.6 |

| Properties ¹ | ASTM | Units | Value |
|--------------------------------------|------------|-------------------|---------|
| Melt Flow Rate (230°C/2.16 kg) | ASTM D1238 | g/10 min | 12 |
| Density | ASTM D1505 | g/cm ³ | .90 |
| Tensile Strength at Yield (2 in/min) | ASTM D638 | psi | 4800 |
| Flexural Modulus (1% Secant) | ASTM D790 | psi | 180,000 |
| Izod Impact, Notched @73° | ASTM D256 | ft-lb/in | 0.6 |
| Elongation at Yield | ASTM D638 | % | 8 |
| Heat Deflection Temperature @66 psi | ASTM D648 | °F | 212 |

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

¹Properties will vary and are not to be used for specification purposes.

All inquiries regarding this data sheet should be addressed to: 1140 Route 22 East, Suite 109, Bridgewater, NJ 08807 • Phone 908.725.3133 • Fax 908.725.9677

The information contained herein is based upon data believed to be reliable and relates only to the matters specifically contained herein. Although such information is, to the best of our knowledge and belief, accurate and reliable as of the date hereof, no representation, warranty (expressed or implied, of merchantability, fitness or otherwise), or guarantee is made as to the suitability, accuracy, reliability, or completeness of the information. It is the user's responsibility to satisfy itself as to the suitability, accuracy, reliability and completeness of such information for its particular use. There is no warranty against patent infringement, and Mass Polymers Corporation shall not be liable for any loss, damage, or injury that may occur from the use of this information. No statement herein shall be construed as an endorsement of any product or process.