

Mapolene PPH012 is a low flow rate homopolymer polypropylene resin containing a Low Water Carry-over package. Typical applications include sheet, strapping and profile extrusion.

**Mapolene PPH012**

<b>Polypropylene ~ Homopolymer</b>	Melt Flow	1.2
Extrusion	Izod	0.9

Properties <sup>1</sup>	ASTM	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	1.2
Density	ASTM D1505	g/cm <sup>3</sup>	.900
Tensile Strength at Yield (2 in/min)	ASTM D638	psi	5400
Flexural Modulus (1% Secant)	ASTM D790	psi	215,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	0.9
Elongation at Yield	ASTM D638	%	9
Heat Deflection Temperature @66 psi	ASTM D648	°F	203

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.