

Mapolene PPC012 is a high impact copolymer polypropylene resin with an excellent balance of toughness and stiffness. It is suitable for heavy gauge sheet for thermoformed containers and components and profile extrusions including corrugated board.

**Mapolene PPC012**

**Polypropylene ~ Impact Copolymer  
Extrusion**

Melt Flow 1.2  
Izod No Break

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	3800
Flexural Modulus (1% Secant)	ASTM D790	psi	170,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	No Break
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.