

Mapolene PPC200H is a high impact copolymer polypropylene resin specially designed for injection molding applications where an excellent balance of stiffness and impact strength is necessary for demanding applications. Typical applications include pails, crates and furniture.

**Mapolene PPC200H**

<b>Polypropylene ~ Impact Copolymer</b>	Melt Flow	20
High Impact Injection Molding	Izod	10

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	3100
Flexural Modulus (1% Secant)	ASTM D790	psi	140,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	10
Elongation at Yield	ASTM D638	%	7.5
Heat Deflection Temperature @66 psi	ASTM D648	°F	187

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.