

Mapolene PPC200N is an impact copolymer polypropylene resin specially designed for injection molding applications where an excellent balance of stiffness/impact and good cycle times are required. Typical applications include closures, household articles and other consumer products.

**Mapolene PPC200N**

<b>Polypropylene ~ Impact Copolymer</b>	Melt Flow	20
General Purpose Injection Molding	Izod	2.5

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	3800
Flexural Modulus (1% Secant)	ASTM D790	psi	180,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	2.5
Elongation at Yield	ASTM D638	%	7
Heat Deflection Temperature @66 psi	ASTM D648	°F	220

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.