

Mapolene PPC200 is a medium impact copolymer polypropylene resin characterized by easy mold flow, physical property balance and excellent dimensional stability. Typical applications include closures, housewares and small appliances.

Mapolene PPC200

Polypropylene ~ Impact Copolymer	Melt Flow	20
General Purpose Injection Molding	Izod	2.5

Properties ¹	ASTM	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	20
Density	ASTM D1505	g/cm ³	.900
Tensile Strength at Yield (2 in/min)	ASTM D638	psi	3500
Flexural Modulus (1% Secant)	ASTM D790	psi	165,000
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	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.