

Mapolene PPR550 is a high melt flow, random copolymer polypropylene resin with fast cycle time and easy mold release designed for injection molding including thin wall applications. The use of an advanced clarifier produces a material with low yellowness index and haze, which makes it an excellent choice for 'see-through' housewares and rigid packaging.

**Mapolene PPR550**

<b>Polypropylene ~ Random Copolymer</b>	Melt Flow	55
Injection Molding	Izod	1.0

Properties <sup>1</sup>	ASTM	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	55
Density	ASTM D1505	g/cm <sup>3</sup>	.900
Tensile Strength at Yield (2 in/min)	ASTM D638	psi	4200
Flexural Modulus (1% Secant)	ASTM D790	psi	150,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	1.0
Tensile Elongation at Yield	ASTM D638	%	15
Heat Deflection Temperature @66 psi	ASTM D648	°F	178

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.