

Mapolene PPH200 is a homopolymer polypropylene resin designed for general purpose injection molding applications including closures, small appliances, housewares and toys. It contains a unique combination of stabilizers, which provides excellent processability with good stiffness, environmental stress crack resistance, heat performance and minimal odor & taste.

Mapolene PPH200

Polypropylene ~ Homopolymer	Melt Flow	20
General Purpose Injection Molding	Izod	0.5

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	4900
Flexural Modulus (1% Secant)	ASTM D790	psi	180,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	0.5
Elongation at Yield	ASTM D638	%	8
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.