

Mapolene PPH017 is a low flow rate homopolymer polypropylene resin containing a Long Term Heat Aging package. Typical applications include injection molded parts and sheet and profile extrusion; this product is not recommended for taste or odor sensitive applications.

Mapolene PPH017

Polypropylene ~ Homopolymer	Melt Flow	1.7
Sheet / Profile Extrusion	Izod	0.9

Properties ¹	ASTM	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	1.7
Density	ASTM D1505	g/cm ³	.907
Tensile Strength at Yield (2 in/min)	ASTM D638	psi	4900
Flexural Modulus (1% Secant)	ASTM D790	psi	199,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	0.9
Elongation at Yield	ASTM D638	%	12
Heat Deflection Temperature @66 psi	ASTM D648	°F	199

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.