

Mapolene PPH030 is a high crystalline homopolymer polypropylene resin designed for BOPP (biaxially oriented polypropylene) film extrusion applications. It does not contain slip or antiblock.

Mapolene PPH030

Polypropylene ~ Homopolymer	Melt Flow	3	
BOPP Film / Extrusion	Izod	1.0	

Properties ¹	ASTM	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ASTM D1238	g/10 min	3.0
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	200,000
Izod Impact, Notched @73°	ASTM D256	ft-lb/in	1.0
Elongation at Yield	ASTM D638	%	10
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.