

Mapolene LLH1902 is a hexene linear low density polyethylene resin made using gas-phase technology. This resin is designed for use in the core layer of a multi-layer stretch film application.

Mapolene LLH1902

Polyethylene Stretch Film	Melt Index	2	
	Density	.919	

Properties ¹	ASTM	Units	Value
Melt Index (190°C/2.16 kg)	ASTM D1238	g/10 min	2
Density	ASTM D1505	g/cm ³	.919
<i>Nominal Cast Film Properties at 20 microns</i>			
Tensile Strength @ Break	ASTM D882	psi	MD (TD) 6500 (5000)
Elongation @ Break	ASTM D882	%	MD (TD) 500 (915)
Dart Drop	ASTM D1709	g/mil	93
Elmendorf Tear Strength	ASTM D1922	g/mil	MD (TD) 295 (628)
Gloss, 45°	ASTM D523		98
Haze	ASTM D1003	%	1.7

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.