

Mapolene LLH2600 is a hexene linear low density polyethylene resin made using gas-phase technology. This resin is designed for heavy duty bags and shipping sacks and is available in various additive packages.

Mapolene LLH2600

Polyethylene	Melt Index	.80
Blown Film	Density	.926

Properties ¹	ASTM	Units	Value
Melt Index (190°C/2.16 kg)	ASTM D1238	g/10 min	.80
Density	ASTM D1505	g/cm ³	.926
<i>Nominal Blown Film Properties at 1.0 mil</i>			
Tensile Strength @ Break	ASTM D882	psi	MD (TD) 4700 (3275)
Elongation @ Break	ASTM D882	%	MD (TD) 490 (700)
Dart Drop	ASTM D1709	g/mil	100
Elmendorf Tear Strength	ASTM D1922	g/mil	MD (TD) 250 (650)
Gloss, 45°	ASTM D523		25
Haze	ASTM D1003	%	28

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.