Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®

Formolene® LLDPE

Formolene® L62009

Linear Low Density Polyethylene (LLDPE) Resin
Hexene Copolymer for Film Extrusion Applications

Formolene® L62009 is a general-purpose film grade linear low density made using gas-phase technology. The resin exhibits excellent toughness and strength when drawn down to thin gauges.

Formolene® L62009 meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

Suggested Applications:

Blending Resin
Industrial Packaging
Co-Extrusion
Industrial Liners
Garment Bags

Nominal Physical Properties:

PROPERTY	ASTM TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.920
Melt Index, Condition E,190^{O}C/2.16 kg	D1238	g/10 min.	0.95
Dart Impact	D1709	g/mil	320
Tear Strength	D1922	g/mil	430/640*
Tensile Strength at Break	D882	psi.	5500/4300*
Elongation	D882	%	650/800*

* MD / TD

Available in the following additive packages:

Additive	**L62009A**	**L62009B**	**L62009H**	**L62009E2**
Antiblock (ppm)	7000	None	None	7000
Slip (ppm)	None	None	None	1500
Special	Additives talc based	-	High Antioxidant	Additives talc based

Note: Film properties based on 25 micron blown film produced with a 2.5:1Blow Up Ratio at 12 lbs/hr/in.die. Actual film properties may vary based on extrusion equipment, operating conditions and additive package. Film properties are not intended to be used as specifications.

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