



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°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 2.5:1 Blow 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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Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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