



Formosa Plastics®

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 Liners
Industrial Packaging	Garment Bags
Co-Extrusion	

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.

Published 08/01/04, Revised 07/17

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

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions concerning uses or applications are only the opinion of FORMOSA PLASTICS CORPORATION, U.S.A. and users should perform their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting the results, FORMOSA PLASTICS CORPORATION, U.S.A. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, other than that the material conforms to the applicable current Standard Specifications Statements herein, therefore, should not be construed as representations or warranties. The responsibility of FORMOSA PLASTICS CORPORATION, U.S.A. for claims arising out of breach of warranty, negligence, strict liability or otherwise is limited to the purchase price of the material. Statements concerning the use of the products of formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.