



Formosa Plastics®

Formolene® LLDPE

Formolene FORMAX® L7

High Strength Linear Low Density Polyethylene for Film Extrusion

Formolene FORMAX® L7 is a high strength linear low density hexene copolymer polyethylene made using a gas-phase process. Film mechanical properties are significantly improved compared to competitive super hexene LLDPE film resins.

Formolene FORMAX® L7 is formulated with slip and antiblock for use in high performance film applications offering excellent extrusion processing and outstanding impact strength and tear resistance. Films exhibit good optical properties.

Formolene FORMAX® L7 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:

Industrial packaging

Industrial liners

Coextrusion

Can liners

Consumer trash bags

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.917
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	0.90
Dart Impact	D1709	g	405
Tear Strength	D1922	g	375/705*
Yield Strength	D882	psi	1655/1635*
Tensile Strength at Break	D882	psi	5680/4290*
Elongation	D882	%	700/870*

* MD / TD

Available in the following additive packages:

Additive	L71709A	L71709E2	L71709H
Antiblock (ppm)	7000	7000	None
Slip (ppm)	None	1500	None
Special	Additives talc based	Additives talc based	High Antioxidant

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 02/12, Revised 10/12

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.

© Formosa Plastics Corporation, U.S.A.

Formolene® is a registered trademark of FPC USA

