



Formosa Plastics®

Formolene FORMAX® L91930B

Superior Performance Linear Low Density Polyethylene for Film Extrusion

Formolene FORMAX® L91930B is a superior strength linear low density polyethylene. Film mechanical properties are comparable to premium strength LLDPE film resins.

Formolene FORMAX® L91930B is a barefoot resin 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® L91930B 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
Can liners

Industrial liners
Consumer trash bags

Food packaging
CoExtrusion

Stretch Film

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.920
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min	3.0
Dart Impact	D1709	g	170
Tear Strength	D1922	g	270/430*
Yield Strength	D882	psi	1300/1300*
Tensile Strength at Break	D882	psi	4500/3500*
Elongation	D882	%	600/800*
Optical Properties:			
Gloss (45°)	D2457		80
Haze	D1003	%	2

* MD/TD

Note: Film Properties measured on 0.8 mil (20 micron) cast film extruded at 320 fpm with a melt temperature at 520°F. and melt curtain of 1.0 inch.

Actual film properties may vary depending on operating conditions and additive packages. Film properties are not intended to be used as specifications.

Published 02/2020

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3

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 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. 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® & Formolon® are registered trademarks of FPC USA