Formosa Plastics®

Formolene® LLDPE

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	Industrial liners	Food packaging	Stretch Film
Can liners	Consumer trash bags	CoExtrusion	

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.920
Melt Index, Condition E, 190ºC/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 (45º)	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 520ºF. 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.

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