Formosa Plastics®

Formolene® LLDPE

Formolene FORMAX® L9

High Strength Linear Low Density Polyethylene for Film Extrusion Applications

Formolene FORMAX® L9 is a high strength linear low density polyethylene. Film mechanical properties are significantly improved compared to competitive super hexene LLDPE film resins.

Formolene FORMAX® L9 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 superior sealing characteristics and good optical properties.

Formolene FORMAX® L9 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
Can liners	Consumer trash bags	Coextrusion

Nominal Physical Properties:

PROPERTY	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.916
Melt Index, Condition E, 190ºC/2.16 kg	D1238	g/10 min	0.80
Dart Impact	D1709	g/mil	520
Tear Strength	D1922	g/mil	480/650*
Yield Strength	D882	psi	1525/1530*
Tensile Strength at Break	D882	psi	5700/5000*
Elongation	D882	%	670/880*

* MD / TD

Available in the following additive packages:

Additive	**L91507A**	**L91507E2**	**L91507H**
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.

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