



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.

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FS 70459  
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EMS 35710

