



Formosa Plastics®

Formolene® L71709

*Linear Low Density Polyethylene
High Strength Hexene Copolymer for Film Extrusion*

Formolene® L71709 is a higher strength linear low density hexene copolymer polyethylene made using the BP Gas Phase Process™. Film mechanical properties are significantly stronger than conventional hexene LLDPE.

Formolene® L71709 is formulated with slip and anti-block for use in high performance film applications.

Formolene® L71709 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 |
| Can Liners | Consumer Trash Bags |
| Co-Extrusion | |

Nominal Physical Properties:

PROPERTY**	ASTM TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.916
Melt Index, Condition E 190°C/2.16 kg	D1238	g/10 min.	0.75
Dart Impact	D1709	g	550
Tear Strength	D1922	g	420/680*
Tensile Strength at Break	D882	psi.	5900/4800*
Yield Strength	D882	psi.	1300/1300*
Elongation	D882	%	680/960*

* MD/TD

Available in the following additive packages:

Additive	L71709A	L71709E2	L71709H
Antiblock	High	High	None
Slip	None	High	None
Special	-	-	High Antioxidant

Note: Film properties based on 25 micron blown film produced with a 3:1 Blow Up Ratio. Actual film properties may vary based on operating conditions and additive package. Film properties are not intended to be used as specifications.

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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

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