

FORMOLENE L62009

Linear Low Density Polyethylene

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 Butene Copolymer for Film Extrusion

Melt Index – 0.95
Density – 0.919

Formolene L62009 is a general-purpose film grade linear low density made using the BP Gas Phase Process™. The resin exhibits excellent toughness and strength when drawn down to thin gauges.

Formolene L62009 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

Blending resin	Industrial liners
Industrial packaging	Garment Bags
Coextrusion	

Nominal Physical Properties

PROPERTY**	TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.919
Melt Index, Condition E, 190 °C/2.16 kg	D1238	g/10 min.	0.95
Dart Impact	D1709	g/mil.	160
Tear Strength	D1922	g/mil.	400/630*
Tensile Strength at Break	D882	psi.	4,750/3,485*
Elongation	D746	%	520/780*
Gloss, 45 °	D790		33
Haze	D1003	%	21

* MD / TD

Available in the following additive packages:

Additive	L62009A	L62009B	L62009H	L62009E2	L62009X
Antiblock	High	None	None	High	None
Slip	None	None	None	High	None
Special	-	-	High Antioxidant	-	High Antioxidant

Note: Film Properties based on 25 Micron blown film produced with a 2.5:1 Blow Up Ratio. Actual film properties may vary depending on operating conditions and additive packages. Film properties are not intended to be used as specifications.

** Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, and with the European standards 85/572/EEC, 90/128/EEC y 97/48/EEC covering safe use of polyolefin articles intended for direct food contact.

*** The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.