Formosa Plastics®

Formolene® LLDPE

Formolene® L42022E2

Linear Low Density Polyethylene (LLDPE) Resin
Butene Copolymer for Film Extrusion Applications

Formolene® L42022E2 is a general-purpose film grade linear low density made using gas-phase technology. Formolene® L42022E2 exhibits excellent toughness and strength when drawn down to thin gauges in blown and cast film applications.

Formolene® L42022E2 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 Packaging
Co-Extrusion
Industrial Liners
Garment Bags

Nominal Physical Properties:

PROPERTY**	ASTM TEST METHOD	UNIT	VALUE
Density	D1505	g/cc	0.919
Melt Index, Condition E, 190°C/2.16 kg	D1238	g/10 min.	2.0
Dart Impact	D1709	g/mil.	65
Tear Strength	D1922	g/mil.	110/570*
Tensile Strength at Break	D882	psi.	3,900/2,700*
Elongation	D882	%	600/800*
Gloss, 45°	D523		40
Haze	D1003	%	35

* MD / TD

Available in the following additive packages:

Additive	L42022B	L42022E2
Antiblock (ppm)	None	7000
Slip (ppm)	None	1350
Special	-	Additives talc based

Note: Film Properties based on 25 Micron blown film produced with a 2.5:1Blow Up Ratio. 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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