

Formolene® L62030B

Linear Low Density Polyethylene

Formosa Plastics Corporation, U.S.A.

Message:

Formolene® L62030B is a linear low density grade made using gas-phase technology. The resin is designed for use in the skin layer of a multi-layer stretch film application.

Formolene® L62030B 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.

General Information	
Features	Low density
Uses	Multilayer film
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Film extrusion cast film

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture	44.8	MPa	ASTM D882
TD: Fracture	33.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	550	%	ASTM D882
TD: Fracture	850	%	ASTM D882
Dart Drop Impact	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	280	g	ASTM D1922
TD	580	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	98		ASTM D523
Haze	1.4	%	ASTM D1003

Additional Information	Nominal Value
Cast Film Extrusion	

Note: Film Properties measured on 20 micron cast film extruded at 1,000 ft/min. with a melt temperature at 510°F. Actual film properties may vary depending on operating conditions and additive packages. Film properties are not intended to be used asspe

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