Formolene® L42022E2

Linear Low Density Polyethylene

Formosa Plastics Corporation, U.S.A.

Message:

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.

General Information	
Additive	Antiblock (7000 ppm) 2 Slip (1350 ppm) 2
Features	General Purpose High Strength Low Density Ultra High Toughness
Uses	Bags General Purpose Liners Packaging
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Blow Molding Casting Coextrusion Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD : Break	26.9	MPa	
TD : Break	18.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	600	%	
TD : Break	800	%	

Dart Drop Impact	65	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	110	g	
TD	570	g	
Optical	**Nominal Value**	**Unit**	**Test Method**
Gloss (45°)	40		ASTM D523
Haze	35	%	ASTM D1003
Additional Information	**Nominal Value**		
Blow-up Ratio	2.5:1		

Recommended distributors for this material

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