

Premier LB02019 - B

Linear Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LB02019 is a butene linear low density polyethylene suitable for blown/cast thin gauge applications requiring toughness and strength. 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	Food Contact Acceptable Good Strength Good Toughness Low Density
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Blown Film Cast Film

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	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
Tensile Strength			ASTM D882
MD : Break	27.6	MPa	
TD : Break	17.2	MPa	
Tensile Elongation			ASTM D882
MD : Break	600	%	
TD : Break	800	%	
Dart Drop Impact	65	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	100	g	
TD	550	g	

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