

Premier LB01018 - C

Linear Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LB01018 is a butene linear low density polyethylene, designed for thin film 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			
Additive	Medium Antiblock		
	Medium Slip		
Features	Food Contact Acceptable		
	Good Strength		
	Good Toughness		
	Low Density		
	Medium Antiblocking		
	Medium Slip		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	186	MPa	
TD	207	MPa	
Tensile Strength			ASTM D882
MD : Break	27.6	MPa	
TD : Break	20.7	MPa	
Tensile Elongation			ASTM D882
MD : Break	650	%	
TD : Break	850	%	
Dart Drop Impact	130	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	100	g	
TD	400	g	
Optical	Nominal Value	Unit	Test Method
Haze	17	%	ASTM D1003

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