

Premier LB02018 - B

Linear Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LB02018 is an LLDPE cast film resin that can also be used in a blend to improve processability and film properties. 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 Processability		
	Low Density		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	117	MPa	
TD	138	MPa	
Tensile Strength			ASTM D882
MD : Yield	7.58	MPa	
TD : Yield	6.21	MPa	
MD : Break	62.1	MPa	
TD : Break	24.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	400	%	
TD : Break	850	%	
Dart Drop Impact	< 50	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	20	g	
TD	450	g	
Optical	Nominal Value	Unit	Test Method
Haze	1.7	%	ASTM D1003

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