

Premier LD01119 - A

Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LD01119 is a homopolymer low density polyethylene resin designed for industrial film applications. 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	High Antiblock		
Features	Food Contact Acceptable		
	High Antiblocking		
	Homopolymer		
	Low Density		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	207	MPa	
TD	255	MPa	
Tensile Strength			ASTM D882
MD : Break	27.6	MPa	
TD : Break	24.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	150	%	
TD : Break	600	%	
Dart Drop Impact	140	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	100	g	
Optical	Nominal Value	Unit	Test Method
Haze	11	%	ASTM D1003

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