

Premier LH01019 - A

Linear Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LH01019 is a hexene linear low density polyethylene resin, designed for 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	High Antiblock		
Features	Food Contact Acceptable		
	Good Strength		
	Good Toughness		
	High Antiblocking		
	Low Density		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.919	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
Tensile Strength			ASTM D882
MD : Yield	10.3	MPa	
TD : Yield	10.3	MPa	
MD : Break	37.9	MPa	
TD : Break	31.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	600	%	
TD : Break	850	%	
Dart Drop Impact	180	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	400	g	
TD	650	g	
Optical	Nominal Value	Unit	Test Method
Haze	17	%	ASTM D1003

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