

Premier LD02329 - A

Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LD 02329 is a medium density polyethylene blown film grade with high stiffness and good clarity. 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		
Features	Food Contact Acceptable		
	Good Stiffness		
	High Clarity		
	Low Density		
	Medium Antiblocking		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	310	MPa	
TD	379	MPa	
Tensile Strength			ASTM D882
MD : Break	24.1	MPa	
TD : Break	18.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	200	%	
TD : Break	550	%	
Elmendorf Tear Strength			ASTM D1922
MD	300	g	
TD	200	g	
Optical	Nominal Value	Unit	Test Method
Haze	6.5	%	ASTM D1003

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