

# Premier LD00724 - A

Low Density Polyethylene

Premier Polymers, LLC.

## Message:

Premier LD00724 series are low density polyethylene film resins suitable for shrink wrap 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		
	Low Density		
Uses	Shrink Wrap		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	241	MPa	
TD	276	MPa	
Tensile Strength			ASTM D882
MD : Break	25.5	MPa	
TD : Break	20.7	MPa	
Tensile Elongation			ASTM D882
MD : Break	150	%	
TD : Break	550	%	
Elmendorf Tear Strength			ASTM D1922
MD	500	g	
TD	150	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	60		ASTM D2457
Haze	9.6	%	ASTM D1003

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