

Premier LD06520 - B

Low Density Polyethylene

Premier Polymers, LLC.

Message:

Premier LD06520 is a low density polyethylene homopolymer, suitable for thin film applications such as garment bags. 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		
	Low Density		
Uses	Bags		
	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	172	MPa	
TD	207	MPa	
Tensile Strength			ASTM D882
MD : Break	20.7	MPa	
TD : Break	17.2	MPa	
Tensile Elongation			ASTM D882
MD : Break	400	%	
TD : Break	700	%	
Elmendorf Tear Strength			ASTM D1922
MD	450	g	
TD	200	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	80		ASTM D2457
Haze	4.3	%	ASTM D1003

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