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## LL0040: LINEAR LOW DENSITY POLYETHYLENE MATERIAL DATA

<b>Material</b>	.004" Linear Low Density Polyethylene Film, 1% EVA	<b>PeelMaster Item #</b>	LL0040
<b>Product Description</b>	.004" Linear Low Density Polyethylene Film, 1% EVA		
<b>FDA Status</b>	This product complies with the FOOD and DRUG ADMINISTRATION regulation 21 CFR 177.1350, which allows for the use of olefin polymers in articles of components of articles that are intended for use in direct contact with food.		
<b>Material Characteristics</b>		<b>Typical Applications</b>	
<b>PHYSICAL PROPERTIES</b>			
<b>Area Yield</b>	Approx. 8108 sq. in. / lb.		
<b>Total Thickness (gauge)</b>	0.004" ± 10% 608 gm (ASTM D 1709)		
<b>Dart Impact 1% Secant Modulus</b>	MD 31320 PSI TD 34297 PSI (ASTM D 882)		
<b>Tensile Yield</b>	MD 1540 PSI TD 1757 PSI (ASTM D 882)		
<b>Ultimate Tensile</b>	MD 5000 PSI TD 4986 PSI (ASTM D 882)		
<b>Ultimate Elongation (%)</b>	MD 1138 TD 1302 (ASTM D 882)		
<b>Gloss (45)</b>	55 (ASTM D 2457)		
<b>Haze (%)</b>	31 (ASTM D 1003)		
<b>Seal Strength to Coated Tyvek (CT1059)</b>	0.75 PLI minimum (PG2011 or equivalent burst pressure using PG2012)		
<b>Coefficient of Friction</b>	0.125 (ASTM D 1894)		

*These physical properties listed above are not meant for customer specifications development. Customers are solely responsible for determining the suitability of this product for their intended use.*