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LL0040 - Linear Low Density Polyethylene Material Information Sheet

Material	.004" Linear Low Density Polyethylene Film, 1% EVA	Item #	LL0040
Product Description	.004" Linear Low Density Polyethylene Film, 1% EVA		
FDA Status	This Product complies with the Food and Drug Administration regulation 21 CFR177.1350, which allows for the use of olefin polymers in articles of components of articles that are intended for use in direct contact with food.		
Physical Properties (Typical Values)			
Area Yield	Approx. 8108 sq. in./ LB		
Total Thickness (Gauge)	0.04 ± 10% (ASTM D 1709)		
Dart Impact	608 gm		
1% Secant Modulus	MD 31320 PSI TD 34297 PSI (ASTM D 882)		
Tensile Yield	MD 1540 PSI TD 1757 PSI (ASTM D 882)		
Ultimate Tensile	MD 5000 PSI TD 4986 PSI (ASTM D 882)		
Ultimate Elongation (%)	MD 1138 TD 1302 (ASTM D 882)		
Gloss (45)	55 (ASTM D 2457)		
Haze (%)	31 (ASTM D 1003)		
Seal Strength to Coated Tyvek (CT1059)	0.75 PLI Minimum (PG2011 or Equivalent burst Pressure using PG2012)		
Coefficient of Friction	0.125 (ASTM D 1894)		

*Calculated value

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.