



Prime Engineering and Commodity Thermoplastic Resins

## LB 1901                      Linear Low Density Polyethylene

**Description:**                      LB 1901 is a butene copolymer LLDPE film resin.

**Applications:**                      Trash bags / Liners / Stretch Wrap / Blends

**Features:**                              Excellent toughness and strength  
FDA regulation 21 CFR 177.1520

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Density	0.919	D-792
Melt Flow Rate – g/10 min (190°C/2.16kg)	1.0	D-1238
Dart Drop Impact - F <sub>50</sub>	100	D-1709
Tensile Strength – MD, psi	7,100	D-638
Tensile Strength – TD, psi	4,900	D-638
Elongation – MD, %	540	D-882
Elongation – TD, %	830	D-882
1% Secant Modulus – MD, psi	28,000	D-882
1% Secant Modulus – TD, psi	33,000	D-882
Haze - %	11	D-1003

Distributed Exclusively by:                      Plastic Solutions, Inc.  
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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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