



Prime Engineering and Commodity Thermoplastic Resins

## LH 19001      Linear Low Density Polyethylene

**Description:** LH 19001 is a hexene copolymer LLDPE film resin.

**Applications:** Industrial liners / Garment bags / Co-extrusion

**Features:** Excellent toughness and strength

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Density	0.919	D-1505
Melt Flow Rate – g/10 min (190°C/2.16kg)	0.95	D-1238
Dart Drop Impact - F <sub>50</sub>	160	D-1709
Tensile Strength – MD, psi	400	D-1922
Tensile Strength – TD, psi	630	D-1922
Tensile Strength at Break – MD, psi	4,750	D-1922
Tensile Strength at Break – TD, psi	3,485	D-1922
Elongation – MD, %	520	D-882
Elongation – TD, %	780	D-882
Gloss – 45°	33	D-523
Haze	21	D-1003

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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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