



## VINPOL™ LH01026 Series

### Linear Low Density Polyethylene

Melt Index: 0.85

Density: 0.926

**VINPOL LH01026** is a linear low density hexene copolymer with increased stiffness suitable for use in blown heavy duty films and shipping sacks, bags, and agricultural films. It contains process aid for ease of extrusion and can be blended with LDPE for strength property enhancements. This product has some 21 CFR FDA clearances and is Kosher compliant.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	0.85	g/10 min	ASTM D-1238
Density	0.926	g/cm <sup>3</sup>	ASTM D-1505
Tensile Strength at Break (MD/TD)	6,500 (45)/6,000 (41)	psi (MPa)	ASTM D-882
Elmendorf Tear Strength (MD/TD)	140 (1.4)/ 880 (8.8)	g (N)	ASTM D-822
Yield Strength (MD/TD)	1500 (10) / 1500 (10)	psi (MPa)	ASTM D-882
Ultimate Elongation (MD/TD)	700/900	%	ASTM D-882
Dart Drop Impact	100	g/mil	ASTM D-1709
Haze (with no antiblock)	15	%	ASTM D-1003

*\*Test specimens for blown film: 1.0 mil fabricated at 2.5:1 BUR, 50 mil die gap, 440°F, 9 lbs/hr/in.*

Additive \ Suffix	-B	-D
Antiblock	-	High
Slip	-	High

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