



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 ³	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

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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