

VINPOL™ LH00825BL

Linear Low Density Polyethylene

Melt Index: 0.80

Density: 0.925

VINPOL LH00825BL is a linear low density hexene copolymer resin with enhanced film strength, drawdown, toughness and stiffness. Typical applications include heavy duty shipping sacks, trash can liners, commercial and industrial packaging, as well as food and consumer packaging. This product offers excellent additive homogeneity, requires no transfer equipment modification, and facilitates clean and safe handling.

*Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	0.80	g/10 min	ASTM D-1238
Density	0.925	g/cm ³	ASTM D-792
Tensile Strength at Break (MD/TD)	7,800 (54)/6,600 (46)	psi (MPa)	ASTM D-882
Elongation at Break (MD/TD)	600/750	%	ASTM D-882
1% Secant Modulus (MD/TD)	49,000 (338) / 53,000 (365)	psi (MPa)	ASTM D-882
Elmendorf Tear Strength (MD/TD)	200/620	g	ASTM D-1922
Dart Drop Impact Strength, F50	120	G	ASTM D-1709
Vicat Softening Temperature	235 (113)	°F (°C)	ASTM D-1525
Haze	10	%	ASTM D-1003
Gloss, 45°	55	-	ASTM D-2457

Additive \ Suffix	-B
Antiblock	-
Slip	-

*Film properties measured on 1.0 mil film with 2.5:1 BUR.

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.