



VINPOL™ LB50026 Series

Linear Low Density Polyethylene

Melt Index: 50

Density: 0.926

VINPOL LB50026 Series is a butene linear low density polyethylene, intended for use in lids, caps, and containers. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	50	g/10 min	ASTM D-1238
Density	0.926	g/cm ³	ASTM D-1505
Tensile Strength at Break	1,500 (10)	psi (MPa)	ASTM D-822
Tensile Strength at Yield	2,000 (14)	psi (MPa)	ASTM D-638
Elongation at Yield	8	%	ASTM D-882
Secant Modulus (1%)	65,000 (448)	psi (MPa)	ASTM D-882

<i>Additive \ Suffix</i>	<i>-B</i>
<i>Antiblock</i>	<i>-</i>
<i>Slip</i>	<i>-</i>

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 particular 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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