



VINPOL™ LB2019 Series

Linear Low Density Polyethylene

Melt Index: 2.0

Density: 0.919

VINPOL LB2019 is a butene linear low density polyethylene suitable for blown/cast thin gauge applications requiring toughness and strength. 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 Flow, 2.16 Kg at 190 °C	2.0	g/10 min	ASTM D-1238
Density	0.919	g/cm ³	ASTM D-1505
Tensile Strength at Break (MD/TD)	4000/2500	psi	ASTM D-882
Tear Strength (MD/TD)	100/550	g/mil.	ASTM D-1922
Elongation (MD/TD)	600/800	%	ASTM D-882
Dart Drop Impact	65	g	ASTM D-1709A

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

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.