



VINPOL™ LB01018 Series

Linear Low Density Polyethylene

Melt Flow: 1.0

Density: 0.918

VINPOL LB01018 is a butene linear low density polyethylene, designed for thin film 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	1.0	g/10 min	ASTM D-1238
Density	0.918	g/cc	ASTM D-1505
Tensile Strength at Break (MD/TD)	4000/3000	psi	ASTM D-882
Tear Strength (MD/TD)	100/400	g/mil.	ASTM D-1922
Elongation (MD/TD)	650/850	%	ASTM D-882
Secant Modulus (MD/TD)	27000/30000	psi	ASTM D-822
Dart Drop Impact	125	g	ASTM-1709A
Haze	17	%	ASTM-1003

Additive \ Suffix	-A	-B	-BO	-BP	-C	-D
Antiblock	High	-	-	-	Medium	High
Slip	-	-	-	-	Medium	High
Antioxidant	-	-	Yes	-	-	-
Processing Aid	-	-	-	Yes	Yes	-

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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