



VINPOL™ LB2018 Series

Linear Low Density Polyethylene

Melt Flow: 2.0

Density: 0.918

VINPOL LB2018 Series is an LLDPE cast film resin that can also be used in a blend to improve processability and film properties. 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	2.0	g/10 min	ASTM D-1238
Density	0.918	g/cm ³	ASTM D-4883
Tensile Strength at Break (MD/TD)	1100/900	psi	ASTM D-882
Tear Strength at break (MD/TD)	9000/3500	g/mil.	ASTM D-822
Elongation at Break (MD/TD)	400/850	%	ASTM D-882
Secant Modulus (MD/TD)	17000/20000	psi	ASTM D-822
Dart Drop Impact	<50	g	ASTM D-1709A
Elmendorf Tear Strength (MD/TD)	20/450	g	ASTM D-1922
Haze	1.7	%	ASTM D-1003

Additive \ Suffix	-B
Antiblock	-
Slip	-

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.