

VINPOL™ LB01018D

Linear Low Density Polyethylene

Melt Flow: 1.0

Density: 0.918

VINPOL LB01018D 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-792
Secant Modulus (MD/TD)	27,700/33,200	psi	ASTM D-882
Tensile Strength at Break (MD/TD)	6,000/4,000	psi	ASTM D-882
Tensile Break Elongation (MD/TD)	690/880	%	ASTM D-882
Dart Drop Impact	110	g	ASTM-1709
Elmendorf Tear Strength (MD/TD)	125/450	g	ASTM D-1922
Haze	17	%	ASTM-1003

Additive \ Suffix	-A	-B	-C	-D
<i>Antiblock</i>	High	-	Medium	High
<i>Slip</i>	-	-	Medium	High
<i>Antioxidant</i>	-	-	-	-
<i>Processing Aid</i>	-	-	Yes	-

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