



VINPOL™ LD02023 Series

Low Density Polyethylene

Melt Index: 2.0

Density: 0.923

VINPOL LD02023 resins are clarity low density polyethylene film resins suitable for blown or cast thin film applications. 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	2.0	g/10 min	ASTM D-1238
Density	0.923	g/cm ³	ASTM D-4883
Tensile Strength at Break (MD/TD)	3500/3000	psi	ASTM D-882
Elongation at Break (MD/TD)	250/600	%	ASTM D-882
Secant Modulus (MD/TD)	30000/33000	psi	ASTM D-882
Elmendorf Tear Strength (MD/TD)	350/200	g	ASTM D-1922
Dart Drop	100	G	ASTM D-1709
Haze	5	%	ASTM D-1003

Additive \ Suffix	-AM	-BM	-CM
Antiblock	Medium	-	Medium
Slip	-	-	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.

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