



VINPOL™ LD0423 Series

Low Density Polyethylene

Melt Index: 4.0

Density: 0.923

VINPOL LD0423 Series is a clarity grade, low density polyethylene with a 900ppm Slip and 1,200ppm Antiblock additive package. It offers a good balance of optical and draw-down performance with excellent extrusion processability. Typical applications include cast film, high clarity film, laundry film, produce bags, profile extrusion and zipper bags.

*Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C, Condition E	4.0	g/10 min	ASTM D-1238
Density	0.923	g/cm ³	ASTM D-1505
Tensile Strength at Yield, MD/TD	1,500/1,400	psi	ASTM D-882
Tensile Strength at Break, MD/TD	3,300/2,200	psi	ASTM D-882
Elongation at Break, MD/TD	180/490	%	ASTM D-882
1% Secant Modulus, MD/TD	25000/30000	psi	ASTM D-882
Elmendorf Tear Strength (MD/TD)	450/200	g	ASTM D-1922
Gloss, °45	71	-	ASTM D-2457
Haze	5.2	%	ASTM D-1003

Additive \ Suffix	-J
Antiblock	Low
Slip	High

**Note: Film properties based on 1.18 mil (30 micron) thick film using a 7.9 in. (200 mm) blown film line with a 2.5:1 BUR, a melt temperature of 356-375°F (180-190°C) and a 39.4 mil (1.0 mm) die gap.*

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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