



VINPOL™ LD007523C

Low Density Polyethylene

Melt Index: 0.75

Density: 0.923

VINPOL LD007523 is a low density polyethylene exhibiting good mechanical and optical properties in blends. It is formulated with slip and antiblock for use in film applications offering excellent extrusion processing and very good balance of mechanical and optical properties. This resin product meets U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Index, 190°C/2.16kg	0.75	g/10 min	ASTM D-1238
Density	0.923	g/cm ³	ASTM D-1505
Tensile Strength at Break (MD/TD)	4,000/3,200	psi	ASTM D-882
Tensile Elongation at Break (MD/TD)	310/530	%	ASTM D-882
1% Secant Modulus (MD/TD)	35,000/40,000	psi (MPa)	ASTM D-882
Elmendorf Tear Strength (MD/TD)	350/150	g	ASTM D-1922
Dart Impact	180	g	ASTM D-1709
Gloss (45°)	59	-	ASTM D-2457
Haze	8.4	%	ASTM D-1003

Additive \ Suffix	-C
Antiblock	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.