

## VINPOL™ LH03218

### Linear Low Density Polyethylene

Melt Index: 3.2

Density: 0.918

**VINPOL LH03218** is a Linear Low Density Polyethylene Hexene copolymer resin designed for cast stretch film for pallet unitization for cling wrapping. This product has excellent tensile properties, puncture and toughness, as well as outstanding unitization holding force and superior drawability.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	3.2	g/10 min	ASTM D-1238
Density	0.918	g/cm <sup>3</sup>	ASTM D-792
*Tensile Strength at Yield (MD/TD)	1,450 (10)/1,305 (9)	psi (MPa)	ASTM D-882
*Tensile Elongation at Break (MD/TD)	750/830	%	ASTM D-882
*Elmendorf Tear Strength (MD/TD)	370/500	g	ASTM D-1922
*1% Secant Modulus (MD/TD)	24,000(165)/25,000(172)	psi (MPa)	ASTM D-882
*Dart Drop Impact	120	g	ASTM D-1709A
*Haze	2.5	%	ASTM D-1003
*Gloss (45°)	90	%	ASTM D2457

\*Properties measured on a 1.0 mil (25.4 micron) film produced on a cast film line with a melt temperature of 510°F (266°C)

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 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.