



VINPOL™ HD00363BF

High Density Polyethylene

Melt Index: 0.25

Density: 0.963

VINPOL HD00363BF is a medium molecular weight, high density polyethylene homopolymer used for blown film and thin gauge sheet/thermoformed applications where high stiffness and barrier performance are important, such as in food packaging. It 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	0.25	g/10 min	ASTM D-1238
Density	0.963	g/cm ³	ASTM D-4883
*Tensile Strength at Yield	4500 (31)	psi (MPa)	ASTM D-638
*Flexural Modulus	230,000 (1,600)	psi (MPa)	ASTM D-790

**Properties measured on compression molded plaques. Flexural modulus tested using Procedure A (1"x3"x0.125"), tangent calculation*

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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