



VINPOL™ HD00763

High Density Polyethylene

Melt Index: 0.7

Density: 0.963

VINPOL HD00763 is a high density polyethylene homopolymer used for blow molding applications where clarity and barrier properties are important, such as for food grade bottles and containers. 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	0.7	g/10 min	ASTM D-1238
Density	0.963	g/cm ³	ASTM D-4883
Tensile Strength at Yield	4600	psi	ASTM D-638
Elongation at Break	350	%	ASTM D-638
Flexural Modulus	250,000	psi	ASTM D-790
ESCR, 100% Igepal	10	hrs	ASTM D-1693

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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Rev. Date 09/26/2018