



VINPOL™ HD00354 Series

High Density Polyethylene

Melt Index: 0.32

Density: 0.954

VINPOL HD00354 Series is a high molecular weight high density polyethylene requiring high stiffness, good impact resistance, and durability. This product may be used as a blow molding resin or a sheet extrusion and thermoforming resin. It is compliant with FDA 21 CFR 177.1520 for food contact applications.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190°C	0.32	g/10 min	ASTM D-1238
Density	0.954	g/cc	ASTM D-1505
ESCR, Condition B, (100% Igepal), F ₅₀	28	hrs	ASTM D-1693
Tensile Strength at Yield	4,050 (30)	psi (MPa)	ASTM D-638
Tensile Elongation at Break	>500	%	ASTM D-638
Flexural Modulus, 1% Secant	176,000 (1,210)	psi (MPa)	ASTM D-790
Flexural Modulus, 2% Secant	144,000 (990)	psi (MPa)	ASTM D-790

<i>Additive/Suffix</i>	<i>-S</i>
Antistatic	Yes

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.