



VINPOL™ EV0105

Ethylene Vinyl Acetate Copolymer

Melt Index: 1.0

Density: 0.928

VINPOL EV0105 is a thermally stabilized 5% ethylene vinyl acetate copolymer resin, designed for a wide range of applications requiring good mechanical and sealing properties. Targeted applications include agricultural film, co-extrusion films, form fill and seal (FFS) packaging, freezer film, high clarity film, lamination film, poultry bags, rice bags, rubber bale wrap, and foams. This product is not intended for use in medical applications and should not be used in any such applications. Please contact your VPA representative for potential food contact application compliance.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	1.0	g/10 min	ASTM D-1238
Vinyl Acetate Content	5	wt%	ASTM D-5594
Density	0.928	g/cm ³	ASTM D-1505
Melting Point	219 (104)	°F (°C)	ASTM D-3418
Tensile Strength at Break MD	28	MPa	ASTM D-882
Tensile Strength at Break TD	22	MPa	ASTM D-882
Elongation at Break MD	310	%	ASTM D-882
Elongation at Break TD	520	%	ASTM D-882
1% Secant Modulus MD	160	MPa	ASTM D-882
1% Secant Modulus TD	180	MPa	ASTM D-882
Dart Drop Impact	170	g	ASTM D-1709A
Elmendorf Tear Strength MD	90	g	ASTM D-1922
Elmendorf Tear Strength TD	90	g	ASTM D-1922

These are typical properties: these are not to be construed as specifications

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.