



VINPOL™ EV0414

Ethylene Vinyl Acetate Copolymer

Melt Index: 3.5

Density: 0.933

VINPOL EV0414 is a thermo-stabilized 14% ethylene vinyl acetate copolymer resin. Articles made from this resin exhibit very high impact strength, high clarity and excellent heat sealability. Targeted applications include meat packaging and heat seal layers. 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	3.5	g/10 min	ASTM D-1238
Vinyl Acetate Content	14	wt%	ASTM D-5594
Density	0.933	g/cm3	ASTM D-1505
Melting Point	190 (88)	°F (°C)	ASTM D-3418
Vicat Softening Temperature	147 (64)	°F (°C)	ASTM D-1525
Tensile Strength at Break MD	31	MPa	ASTM D-882
Tensile Strength at Break TD	27	MPa	ASTM D-882
Elongation at Break MD	300	%	ASTM D-882
Elongation at Break TD	730	%	ASTM D-882
1% Secant Modulus MD	66	MPa	ASTM D-882
1% Secant Modulus TD	74	MPa	ASTM D-882
Dart Drop Impact	320	g	ASTM D-1709A
Elmendorf Tear Strength MD	80	g	ASTM D-1922
Elmendorf Tear Strength TD	60	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.

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Rev. Date 1/12/2022

