



VINPOL™ EV42027

Ethylene Vinyl Acetate Copolymer

Melt Index: 420

% VA: 26.7%

VINPOL EV42027 is a very high flow, 26.7% vinyl acetate copolymer (EVA) that has good compatibility with hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants, and wax blends. This resin contains thermal stabilizer.

*Resin Property	Typical Value	Units	Test Method
Melt Index, 190 °C/2.16 kg	420	g/10 min	ASTM D-1238
Vinyl Acetate Content	26.7	wt%	Supplier Method
Density	0.942	g/cm ³	ASTM D-1505
Peak Melting Temperature	149 (65)	°F (°C)	Supplier Method
Vicat Softening Temperature	117 (47)	°F (°C)	Supplier Method
Tensile Strength at Break	260 (1.8)	psi (MPa)	Supplier Method
Elongation at Break	326	%	Supplier Method
1% Secant Flexural Modulus	2,200 (15)	psi (MPa)	Supplier Method
Durometer Hardness, 15 sec	71	Shore A	Supplier Method
Durometer Hardness, 15 sec	17	Shore D	Supplier Method

*This product is not intended for use in medical applications and should not be used in any such applications. All physical properties were measured on compression molded specimens.

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.

Vinmar Polymers America, LLC / 16825 Northchase Drive, Suite 1400, Houston, TX 77060
Phone: 281-902-0900 Fax: 281-260-8096

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