



VINPOL™ EV0218

Ethylene Vinyl Acetate Copolymer

Melt Index: 2.0

Density: 0.935

VINPOL EV0218 is a thermally stabilized 18% ethylene vinyl acetate copolymer resin exhibiting low melting temperature, good processability and mechanical properties. Targeted applications include foams, shoe soles, injection molding, profile extrusion, films, and compounds. 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	2.0	g/10 min	ASTM D-1238
Vinyl Acetate Content	18	wt%	ASTM D-5594
Density	0.935	g/cm ³	ASTM D-1505
Melting Point	189 (87)	°F (°C)	ASTM D-3418
Vicat Softening Temperature	147 (64)	°F (°C)	ASTM D-1525
Tensile Strength at Yield	5.2	MPa	ASTM D-638
Tensile Strength at Break	11	MPa	ASTM D-638
Elongation at Yield	260	%	ASTM D-638
Elongation at Break	>800	%	ASTM D-638
Flexural Modulus	60	MPa	ASTM D-790
Hardness Shore A	76		ASTM D-2240
Hardness Shore D	36		ASTM D-2240

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.