



VINPOL™ EV0118

Ethylene Vinyl Acetate Copolymer

Melt Index: 0.8

Density: 0.940

VINPOL EV0118 is a thermally stabilized 18% ethylene vinyl acetate copolymer resin, designed for film applications. It exhibits high transparency, good mechanical properties, and low gel level. Targeted applications include blends, stretch film, stretch hood, and co-extrusion film. 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	0.8	g/10 min	ASTM D-1238
Vinyl Acetate Content	18	wt%	ASTM D-5594
Density	0.940	g/cm3	ASTM D-792
Vicat Softening Point	147 (64)	°F (°C)	ASTM D-1525
Melting Point	185 (85)	°F (°C)	ASTM D-3418
Tensile Strength at Break MD	20	MPa	ASTM D-882
Tensile Strength at Break TD	27	MPa	ASTM D-882
Elongation at Break MD	610	%	ASTM D-882
Elongation at Break TD	630	%	ASTM D-882
1% Secant Modulus MD	48	MPa	ASTM D-882
1% Secant Modulus TD	50	MPa	ASTM D-882
Gloss, 60°	120		ASTM D-523
Haze	1.8	%	ASTM D-1003

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.