



VINPOL™ EV00306

Ethylene Vinyl Acetate Copolymer

Melt Index: 0.3

VA%: 6.0%

VINPOL EV00306 is a fractional melt index, 6.0 wt% vinyl acetate copolymer specialty film resin for applications requiring excellent impact strength, tensile properties, and heat sealability.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	0.3	g/10 min	Supplier Method
Vinyl Acetate Content	6.0	wt%	Supplier Method
Density	0.926	g/cm3	ASTM D-1505
Peak Melting Temperature	214	°F	Supplier Method
Vicat Softening Temperature	181	°F	Supplier Method
Tensile Strength at Break MD	4,800	psi	ASTM D-882
Tensile Strength at Break TD	4,400	psi	ASTM D-882
Elongation at Break MD	310	%	ASTM D-882
Elongation at Break TD	590	%	ASTM D-882
1% Secant Modulus MD	17,000	psi	ASTM D-882
1% Secant Modulus TD	20,000	psi	ASTM D-882
Dart Drop Impact	450	g	ASTM D-1709A
Elmendorf Tear Strength MD	150	g	ASTM D-1922
Elmendorf Tear Strength TD	120	g	ASTM D-1922
Puncture Force	19	lbf	Supplier Method
Puncture Energy	35	in-lb	Supplier Method
Gloss (45°)	63	-	ASTM D-2457
Haze	6.7	%	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.

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