



VINPOL™ EV00413

Ethylene Vinyl Acetate Copolymer

Melt Index: 0.4

VA%: 12.8%

VINPOL EV00413 is a fractional melt index, 12.8 wt% vinyl acetate copolymer specialty film resin for applications requiring outstanding heat sealability, strength, and toughness.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	0.4	g/10 min	Supplier Method
Vinyl Acetate Content	12.8	wt%	Supplier Method
Density	0.935	g/cm3	ASTM D-1505
Peak Melting Temperature	201	°F	Supplier Method
Vicat Softening Temperature	167	°F	Supplier Method
Tensile Strength at Break MD	5,100	psi	ASTM D-882
Tensile Strength at Break TD	5,100	psi	ASTM D-882
Elongation at Break MD	350	%	ASTM D-882
Elongation at Break TD	640	%	ASTM D-882
1% Secant Modulus MD	9,900	psi	ASTM D-882
1% Secant Modulus TD	12,000	psi	ASTM D-882
Dart Drop Impact	750	g	ASTM D-1709A
Elmendorf Tear Strength MD	80	g	ASTM D-1922
Elmendorf Tear Strength TD	100	g	ASTM D-1922
Gloss (45°)	78	-	ASTM D-2457
Haze	3.1	%	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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Rev. Date 6/6/2024

