

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/cm ³	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

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