

## 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/cm <sup>3</sup>	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

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