

VINPOL™ EV0118

Ethylene Vinyl Acetate Copolymer

Melt Index: 0.70

Density: 0.940

VINPOL EV0118 is an 18.5% vinyl acetate copolymer designed for films that require excellent toughness and good heat sealing characteristics. This resin has high melt strength for improved bubble stability during processing and yields highly flexible films with excellent low temperature performance. 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	0.70	g/10 min	ASTM D-1238
Vinyl Acetate Content	18.5	wt%	ASTM D-5594
Density	0.940	g/cm ³	ASTM D-792
Peak Melting Point	189 (87)	°F (°C)	ASTM D-3418
Vicat Softening Point	154 (68)	°F (°C)	ASTM D-1525
Tensile Strength at Break, MD/TD	4,600/4,500 (32/31)	psi (MPa)	ASTM D-882
Elongation at Break, MD/TD	500/950	%	ASTM D-882
1% Secant Modulus, MD/TD	7,500/8,500 (52/59)	psi (MPa)	ASTM D-882
Haze	2.0	%	ASTM D-1003
Gloss (45°)	85		ASTM D-2457

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