



VINPOL™ EV0318

Ethylene Vinyl Acetate Copolymer

Melt Index: 2.5

Density: 0.940

VINPOL EV0318 is a 18.5% vinyl acetate copolymer designed for flexible packaging that requires excellent optical properties and low heat seal initiation temperature. It is also suitable for profile extrusion, molding, and foam applications. 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	2.5	g/10 min	ASTM D-1238
Vinyl Acetate Content	18.5	wt%	ASTM D-5594
Density	0.940	g/cm ³	ASTM D-1505
Peak Melting Temperature	185 (85)	°F (°C)	ASTM D-3418
Vicat Softening Temperature	153 (67)	°F (°C)	ASTM D-1525
Tensile Strength at Break , MD/TD	3,600/3,500 (25/24)	psi (MPa)	ASTM D-882
Elongation at Break, MD/TD	600/800	%	ASTM D-882
1% Secant Modulus, MD/TD	6,100/7,300 (42/50)	psi (MPa)	ASTM D-882
Dart Impact	290	g	ASTM D-1709
Haze	3.6	%	ASTM D-1003
Gloss (45°)	82	-	ASTM D-2457

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