

VINPOL™ EV42027

Ethylene Vinyl Acetate Copolymer

Melt Index: 420

% VA: 26.7%

VINPOL EV42027 is a very high flow, 26.7% vinyl acetate copolymer (EVA) that has good compatibility with hydrocarbon and natural tackifiers and most waxes. It is suitable for making hot melt adhesives, sealants, and wax blends. This resin contains thermal stabilizer.

*Resin Property	Typical Value	Units	Test Method
Melt Index, 190 °C/2.16 kg	420	g/10 min	ASTM D-1238
Vinyl Acetate Content	26.7	wt%	Supplier Method
Density	0.942	g/cm ³	ASTM D-1505
Peak Melting Temperature	149 (65)	°F (°C)	Supplier Method
Vicat Softening Temperature	117 (47)	°F (°C)	Supplier Method
Tensile Strength at Break	260 (1.8)	psi (MPa)	Supplier Method
Elongation at Break	326	%	Supplier Method
1% Secant Flexural Modulus	2,200 (15)	psi (MPa)	Supplier Method
Durometer Hardness, 15 sec	71	Shore A	Supplier Method
Durometer Hardness, 15 sec	17	Shore D	Supplier Method

*This product is not intended for use in medical applications and should not be used in any such applications. All physical properties were measured on compression molded specimens.

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