

# Bapolene® EVA-1120

Ethylene Vinyl Acetate Copolymer

Bamberger Polymers, Inc.

## Message:

Bapolene EVA-1120 is a general purpose resin for extrusion/injection molding applications. Parts made with this product exhibit excellent flexibility, resilience, toughness, and ESCR properties. This product meets FDA standards for food contact applications.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Good Toughness		
	High ESCR (Stress Crack Resist.)		
	Resilient		
Uses	Compounding		
	Footwear		
	Hose		
	Profiles		
	Pump Parts		
	Sporting Goods		
	Tubing		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	15.2	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	720	%	ASTM D638
Flexural Modulus - 1% Secant	60.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	62.8	°C	ASTM D1525
NOTE			
1.	51 mm/min		

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#### Recommended distributors for this material

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