

Ateva® 1221

Ethylene Vinyl Acetate Copolymer

Celanese EVA Performance Polymers

Message:

This resin is commonly used for coextrusion and blending applications where superior strength, good heat seal, and hot tack characteristics are required.

General Information	
Features	Copolymer
	Good Heat Seal
	Good Strength
Uses	Blending
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Coextrusion
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Vinyl Acetate Content	12.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant	84.0	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882A
MD : Break	27.0	MPa	
TD : Break	28.0	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break	400	%	
TD : Break	510	%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	78.0	°C	ASTM D1525
Peak Melting Temperature	97.0	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	< 210	°C	

NOTE

- 500 mm/min
- 500 mm/min

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Recommended distributors for this material

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