

# Ateva® 1821A

Ethylene Vinyl Acetate Copolymer  
Celanese EVA Performance Polymers

Message:

This resin is commonly used for coextrusion due to its superior sealability and strength.

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

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)	3.0	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant	45.0	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D882A
MD : Break	23.0	MPa	
TD : Break	27.0	MPa	
Tensile Elongation <sup>2</sup>			ASTM D882A
MD : Break	460	%	
TD : Break	620	%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	59.0	°C	ASTM D1525
Peak Melting Temperature	87.0	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	< 210	°C	
NOTE			
1.	500 mm/min		

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#### Recommended distributors for this material

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