

Ateva® 1811

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	
Features	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	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant	48.0	MPa	ASTM D790

Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882A
MD : Break	27.0	MPa	
TD : Break	29.0	MPa	

Tensile Elongation ²			ASTM D882A
MD : Break	440	%	
TD : Break	590	%	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	64.0	°C	ASTM D1525
Peak Melting Temperature	88.0	°C	ASTM D3418

Extrusion	Nominal Value	Unit
Melt Temperature	< 210	°C

NOTE	
1.	500 mm/min
2.	500 mm/min

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Recommended distributors for this material

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