

Ateva® 1081

Ethylene Vinyl Acetate Copolymer

Celanese EVA Performance Polymers

Message:

This resin is commonly used for film extrusions requiring superior sealability and strength.

General Information			
Features	Copolymer Good Heat Seal High Strength		
Uses	Film		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.933	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Vinyl Acetate Content	9.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant	123	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882A
MD : Break	23.0	MPa	
TD : Break	24.0	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break	380	%	
TD : Break	550	%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ASTM D1525
Peak Melting Temperature	102	°C	ASTM D3418
Extrusion	Nominal Value	Unit	Test Method
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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