

Ateva® 1081G

Ethylene Vinyl Acetate Copolymer
Celanese EVA Performance Polymers

Message:

This resin is commonly used for medical packaging and manufactured to comply with USP Class VI

General Information			
Features	Copolymer		
Uses	Medical Packaging		
Agency Ratings	EC 1907/2006 (REACH)		
	USP Class VI		
Forms	Pellets		
Processing Method	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%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	95		
Shore D	43		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	17.0	MPa	ASTM D638
Tensile Elongation ² (Break)	700	%	ASTM D638
Flexural Modulus - 1% Secant	123	MPa	ASTM D790
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	
Melt Temperature	< 210	°C	
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		

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Recommended distributors for this material

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