



Ateva® 1807EG

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

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

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Additive	• Antioxidant	
Features	• Antioxidant	• Copolymer
Uses	• Medical Packaging	
Agency Ratings	• EC 1907/2006 (REACH)	• USP Class VI
Forms	• Pellets	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	3770	psi	ASTM D638
Tensile Elongation ³ (Break)	730	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	142	°F	ASTM D1525
Peak Melting Temperature	189	°F	ASTM D3418

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	< 410	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type IV, 2.0 in/min

³ Type IV, 20 in/min