



Ateva® 1850A

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This resin is commonly used for hot melt coating and adhesive applications.

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Additive	• Antioxidant	
Features	• Antioxidant	• Copolymer
Uses	• Adhesives	• Coating Applications
Agency Ratings	• EC 1907/2006 (REACH)	
Forms	• Pellets	
Processing Method	• Compounding	• Extrusion Coating

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	150	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	1020	psi	ASTM D638
Tensile Elongation ² (Break)	700	%	ASTM D638
Flexural Modulus - 1% Secant	6090	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	86		
Shore D	34		
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	183	°F	ASTM D3418
Ring and Ball Softening Point	203	°F	ASTM E28

Notes

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

² Type IV, 2.0 in/min