



Ateva® 2820AG

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This resin is commonly used for medical applications.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	1600	psi	ASTM D638
Tensile Elongation ² (Break)	850	%	ASTM D638
Flexural Modulus - 1% Secant	2180	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	80		
Shore D	22		
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	158	°F	ASTM D3418
Ring and Ball Softening Point	255	°F	ASTM E28

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