Ateva® 2821A

Sunday, November 3, 2019

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

General Information

Product Description

This resin is commonly used for extrusion coating, coextrusion, and specialty lamination applications.

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

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm³	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
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	80		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Peak Melting Temperature	158	°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