



Ateva® 2005A

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This resin is commonly used for automotive compounding applications.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Vinyl Acetate Content	20.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	2470	psi	ASTM D638
Tensile Elongation ² (Break)	700	%	ASTM D638
Flexural Modulus - 1% Secant	6240	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	131	°F	ASTM D1525
Peak Melting Temperature	181	°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