



Ateva® 1608

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This is a multi-purpose resin commonly used for compounding, injection molding, and tubing applications.

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Copolymer	
Uses	• Compounding	• Tubing
Agency Ratings	• EC 1907/2006 (REACH)	
Forms	• Pellets	
Processing Method	• Compounding	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	8.4	g/10 min	ASTM D1238
Vinyl Acetate Content	16.3	wt%	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD ² (Break)	2180	psi	ASTM D882A
Tensile Elongation - MD ² (Break)	750	%	ASTM D882A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92		
Shore D	36		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	145	°F	ASTM D1525
Peak Melting Temperature	194	°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 20 in/min