

# Ateva® 1608

Ethylene Vinyl Acetate Copolymer  
Celanese EVA Performance Polymers

Message:

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

General Information			
Features	Copolymer		
Uses	Compounding		
	Tubing		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.4	g/10 min	ASTM D1238
Vinyl Acetate Content	16.3	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92		
Shore D	36		
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD <sup>1</sup> (Break)	15.0	MPa	ASTM D882A
Tensile Elongation - MD <sup>2</sup> (Break)	750	%	ASTM D882A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	63.0	°C	ASTM D1525
Peak Melting Temperature	90.0	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	< 210	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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