

Ateva® 1641

Ethylene Vinyl Acetate Copolymer

Celanese EVA Performance Polymers

Message:

This resin is well suited for extrusion coating, coextrusion and specialty lamination applications.

General Information	
Features	Copolymer Food Contact Acceptable
Uses	Coating Applications Laminates
Agency Ratings	EC 1907/2006 (REACH)
Forms	Pellets
Processing Method	Coextrusion Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.936	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	28	g/10 min	ASTM D1238
Vinyl Acetate Content	16.0	wt%	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore D	35		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.00	MPa	ASTM D638
Tensile Elongation ² (Break)	700	%	ASTM D638
Flexural Modulus - 1% Secant	60.0	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	62.0	°C	ASTM D1525
Peak Melting Temperature	89.0	°C	ASTM D3418

Extrusion	Nominal Value	Unit
Melt Temperature	< 210	°C

NOTE	
1.	Type IV, 50 mm/min
2.	Type IV, 50 mm/min

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Recommended distributors for this material

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