

**Ateva® 1221****EVA COPOLYMER****Product Description**

This resin is commonly used for coextrusion and blending applications where superior strength, good heat seal, and hot tack characteristics are required.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	12	%	12	%	PTM-39
Melt Index (190 °C/2.16 kg)	0.8	g/10 min.	0.8	g/10 min.	ASTM D1238
Density	932	kg/m ³	0.932	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	97	°C	207	°F	ASTM D3418
Vicat Softening Point	78	°C	172	°F	ASTM D1525

Film Properties

Tensile Strength at Break MD	27	MPa	3920	psi	ASTM D882 Method A (500mm/min)
Tensile Strength at Break TD	28	MPa	4060	psi	
Elongation at Break MD	400	%	400	%	ASTM D882 Method A (500mm/min)
Elongation at Break TD	510	%	510	%	
Flexural Modulus (1% Secant)	84	MPa	12,180	psi	ASTM D790

Processing Information

This polymer may be processed on conventional extrusion equipment. It is recommended that the melt temperature be kept below 210°C as decomposition can occur at higher temperatures.

Regulatory Compliance

Contact Celanese Customer Service for information about food contact or other regulatory compliance.