

**Ateva® 1609****EVA COPOLYMER****Product Description**

This resin is commonly used for coextrusion due to its superior sealability and strength.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	16.3	%	16.3	%	PTM-39
Melt Index (190 °C/2.16 kg)	8.4	g/10 min.	8.4	g/10 min.	ASTM D1238
Density	938	kg/m ³	0.938	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	90	°C	194	°F	ASTM D3418
Vicat Softening Point	63	°C	145	°F	ASTM D1525

Film Properties

Tensile Strength at Break MD	18	MPa	2570	psi	ASTM D882 Method A (500mm/min)
Elongation at Break MD	500	%	500	%	ASTM D882 Method A (500mm/min)

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.