

**Ateva[®] 1807EG****EVA COPOLYMER****Product Description**

This resin is commonly used for medical packaging and is manufactured to comply with USP Class VI.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	18	%	18	%	PTM-39
Melt Index (190 °C/2.16 kg)	0.7	g/10 min.	0.7	g/10 min.	ASTM D1238
Density	940	kg/m ³	0.940	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	Yes		Yes		

Thermal Properties

DSC Melt Temp	87	°C	189	°F	ASTM D3418
Vicat Softening Point	61	°C	142	°F	ASTM D1525

Molded Plaque Properties

Tensile Strength at Break	26	MPa	3740	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	730	%	730	%	

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.