



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.