

**Ateva® 2803G****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	28	%	28	%	PTM-39
Melt Index (190 °C/2.16 kg)	3.0	g/10 min.	3.0	g/10 min.	ASTM D1238
Density	952	kg/m ³	0.952	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

Vicat Softening Point	44	°C	111	°F	ASTM D1525
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Molded Plaque Properties

Tensile Strength at Break	24	MPa	3480	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	770	%	770	%	
Hardness - Shore A	81	--	81	--	ASTM D2240
Hardness - Shore D	28	--	28	--	
Flexural Modulus (1% Secant)	21	MPa	3050	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.