



Ateva® 2803G

EVA COPOLYMER

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

<u>Property</u>	<u>Typical Value</u>	<u>Unit</u>	<u>Test Method</u>
Vinyl Acetate	28	%	AT Plastics PTM-39
Melt Index	3.0	g/10 min	ASTM D1238 190/2.16
Density	952	kg/m ³	ASTM D1505 ASTM D1928 Proc A
Brittleness Temperature	<-85	°C	ASTM D746
Tensile			ASTM D638 Type IV (50 mm/min)
Strength @ break	24	MPa	
Elongation @ break	770	%	
Flexural Modulus (1% Secant)	21	MPa	ASTM D790
Vicat Softening Point	44	°C	ASTM D1525
Hardness - Shore A	81	--	ASTM D2240
Hardness - Shore D	28	--	ASTM D2240

FDA Status: This EVA resin may be safely used as articles or components of articles intended for uses in contact with food as provided in FDA regulation 21CFR177.1350 -Ethylene-vinyl acetate copolymers, subject to extraction limitations on the finished food-contact article as specified in that regulation.

Processing: 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.
