

**Ateva® 2820AG****EVA COPOLYMER****Product Description**

This resin is commonly used for medical applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	28	%	28	%	PTM-39
Melt Index (190 °C/2.16 kg)	25	g/10 min.	25	g/10 min.	ASTM D1238
Density	948	kg/m ³	0.948	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	Yes		Yes		

Thermal Properties

DSC Melt Temp	70	°C	158	°F	ASTM D3418
Ring & Ball Softening Point	124	°C	255	°F	ASTM E28

Molded Plaque Properties

Tensile Strength at Break	11	MPa	1600	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	850	%	850	%	
Hardness - Shore A	80	--	80	--	ASTM D2240
Hardness - Shore D	22	--	22	--	
Flexural Modulus (1% Secant)	15	MPa	2180	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.