

**Ateva® 1850A****EVA COPOLYMER****Product Description**

This resin is commonly used for hot melt coating and adhesive applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	18	%	18	%	PTM-39
Melt Index (190 °C/2.16 kg)	150	g/10 min.	150	g/10 min.	ASTM D1238
Density	935	kg/m ³	0.935	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	Yes		Yes		

Thermal Properties

DSC Melt Temp	84	°C	183	°F	ASTM D3418
Ring & Ball Softening Point	95	°C	203	°F	ASTM E28

Molded Plaque Properties

Tensile Strength at Break	7	MPa	1020	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	700	%	700	%	
Hardness - Shore A	86	--	86	--	ASTM D2240
Hardness - Shore D	34	--	34	--	
Flexural Modulus (1% Secant)	42	MPa	6090	psi	ASTM D790

Processing Information

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.