

**Ateva® 2842A****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	28	%	28	%	PTM-39
Melt Index (125 °C/0.325 kg)	400	g/10 min.	400	g/10 min.	ASTM D1238
Density	941	kg/m ³	0.941	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	Yes		Yes		

Thermal Properties

DSC Melt Temp	65	°C	149	°F	ASTM D3418
Ring & Ball Softening Point	84	°C	183	°F	ASTM E28

Molded Plaque Properties

Tensile Strength at Break	3	MPa	363	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	600	%	600	%	
Hardness - Shore A	67	--	67	--	ASTM D2240
Hardness - Shore D	14	--	14	--	
Flexural Modulus (1% Secant)	12	MPa	1740	psi	ASTM D790

Processing Information

It is recommended that the melt temperature be kept below 210°C as decomposition can occur at higher temperatures. Contains an antioxidant to minimize viscosity changes of the hot melt blends during processing.

Regulatory Compliance

Contact Celanese Customer Service for information about food contact or other regulatory compliance.