

**Ateva® 2005A****EVA COPOLYMER****Product Description**

This resin is commonly used for automotive compounding applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	20	%	20	%	PTM-39
Melt Index (190 °C/2.16 kg)	6.0	g/10 min.	6.0	g/10 min.	ASTM D1238
Density	945	kg/m ³	0.945	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	Yes		Yes		

Thermal Properties

DSC Melt Temp	83	°C	181	°F	ASTM D3418
Vicat Softening Point	55	°C	131	°F	ASTM D1525

Molded Plaque Properties

Tensile Strength at Break	17	MPa	2470	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	700	%	700	%	
Hardness - Shore A	89	--	89	--	ASTM D2240
Flexural Modulus (1% Secant)	43	MPa	6240	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.

