

**Ateva® 1641****EVA COPOLYMER****Product Description**

This resin is commonly used for extrusion coating, coextrusion and specialty lamination applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	16	%	16	%	PTM-39
Melt Index (190 °C/2.16 kg)	28	g/10 min.	28	g/10 min.	ASTM D1238
Density	936	kg/m ³	0.936	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	89	°C	192	°F	ASTM D3418
Vicat Softening Point	62	°C	144	°F	ASTM D1525

Molded Plaque Properties

Tensile Strength at Break	9	MPa	1310	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	700	%	700	%	
Hardness - Shore A	90	--	90	--	ASTM D2240
Hardness - Shore D	35	--	35	--	
Flexural Modulus (1% Secant)	60	MPa	8700	psi	ASTM D790

Processing Information

This polymer may be processed on conventional extrusion coating 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.