

**Ateva® 1231****EVA COPOLYMER****Product Description**

This resin is commonly used for high quality microcellular crosslinked foam applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	12	%	12	%	PTM-39
Melt Index (190 °C/2.16 kg)	3.0	g/10 min.	3.0	g/10 min.	ASTM D1238
Density	934	kg/m ³	0.934	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	97	°C	207	°F	ASTM D3418
Vicat Softening Point	75	°C	167	°F	ASTM D1525

Molded Plaque Properties

Tensile Strength at Break	16	MPa	2320	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	730	%	730	%	
Hardness - Shore A	95	--	95	--	ASTM D2240
Hardness - Shore D	42	--	42	--	
Flexural Modulus (1% Secant)	82	MPa	11,890	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.