

**Ateva® 1813****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	18	%	18	%	PTM-39
Melt Index (190 °C/2.16 kg)	1.6	g/10 min.	1.6	g/10 min.	ASTM D1238
Density	937	kg/m ³	0.937	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	88	°C	190	°F	ASTM D3418
Vicat Softening Point	64	°C	147	°F	ASTM D1525

Molded Plaque Properties

Tensile Strength at Break	20	MPa	2900	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	740	%	740	%	
Hardness - Shore A	93	--	93	--	ASTM D2240
Hardness - Shore D	37	--	37	--	
Flexural Modulus (1% Secant)	48	MPa	6960	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.