

**Ateva® 1070****EVA COPOLYMER****Product Description**

This is a multi-purpose resin commonly used for flexible packaging coextrusion to provide superior sealability, opticals, and strength, high quality microcellular crosslinked foam, extrusion, injection molding, and tubing applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	9	%	9	%	PTM-39
Melt Index (190 °C/2.16 kg)	2.8	g/10 min.	2.8	g/10 min.	ASTM D1238
Density	931	kg/m ³	0.931	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	101	°C	214	°F	ASTM D3418
Vicat Softening Point	81	°C	178	°F	ASTM D1525

Film Properties

Tensile Strength at Break MD	17	MPa	2470	psi	ASTM D882 Method A (500mm/min)
Tensile Strength at Break TD	18	MPa	2610	psi	
Elongation at Break MD	400	%	400	%	ASTM D882 Method A (500mm/min)
Elongation at Break TD	600	%	600	%	
Flexural Modulus (1% Secant)	101	MPa	14,650	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.