

Ateva® 1070

Ethylene Vinyl Acetate Copolymer
Celanese EVA Performance Polymers

Message:

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.

General Information			
Features	Copolymer		
	High Strength		
	Opticals		
Uses	Foam		
	Packaging		
	Tubing		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Coextrusion		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.931	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Vinyl Acetate Content	9.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - 1% Secant	101	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D882A
MD : Break	17.0	MPa	
TD : Break	18.0	MPa	
Tensile Elongation ²			ASTM D882A
MD : Break	400	%	
TD : Break	600	%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	81.0	°C	ASTM D1525
Peak Melting Temperature	101	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	< 210	°C	

NOTE

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| 1. | 500 mm/min |
| 2. | 500 mm/min |

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