



Ateva® 9030

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This resin is commonly used for photovoltaic applications.

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Features	• Copolymer
Uses	• Solar Panels
Agency Ratings	• EC 1907/2006 (REACH)
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	43	g/10 min	ASTM D1238
Vinyl Acetate Content	33.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	1310	psi	ASTM D638
Tensile Elongation ² (Break)	900	%	ASTM D638
Flexural Modulus - 1% Secant	1020	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	68		
Shore D	16		
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	140	°F	ASTM D3418
Ring and Ball Softening Point	235	°F	ASTM E28

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type IV, 2.0 in/min