



Ateva® 1241

Celanese EVA Performance Polymers - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

This resin is commonly used for the production of molded and extruded flexible packaging products and similar goods.

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Features	• Copolymer
Uses	• Packaging
Agency Ratings	• EC 1907/2006 (REACH)
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Vinyl Acetate Content	12.0	wt%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	1890	psi	ASTM D638
Tensile Elongation ² (Break)	710	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	95		
Shore D	40		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	162	°F	ASTM D1525
Peak Melting Temperature	203	°F	ASTM D3418

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	< 410	°F

Notes

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

² Type IV, 2.0 in/min