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Ateva® 9030

EVA COPOLYMER

Product Description

This resin is commonly used for photovoltaic applications.

Resin Properties	Typical Value	SI Unit	Imperial	Unit	Test Method
Vinyl Acetate	33	%	33	%	PTM-39
Melt Index (190 °C/2.16 kg)	43	g/10 min.	43	g/10 min.	ASTM D1238
Density	952	kg/m ³	0.952	g/cm ³	ASTM D1505 ASTM D1928 Proc A
Antioxidant	No		No		

Thermal Properties

DSC Melt Temp	60	°C	140	°F	ASTM D3418
Ring & Ball Softening Point	113	°C	235	°F	ASTM E28

Molded Plaque Properties

Tensile Strength at Break	9	MPa	1310	psi	ASTM D638 Type IV (50mm/min)
Elongation at Break	900	%	900	%	
Hardness - Shore A	68	--	68	--	ASTM D2240
Hardness - Shore D	16	--	16	--	
Flexural Modulus (1% Secant)	7	MPa	970	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.