

# Jamplast JPEVA10

Ethylene Vinyl Acetate Copolymer

Jamplast, Inc.

## Message:

JPEVA10 is an EVA copolymer with good toughness, flexibility and clarity. Applications include laminating and heavy duty films as well as injection and blow molding. JPEVA10 contains no additives.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Good Toughness		
	High Clarity		
Uses	Film		
	Laminates		
Forms	Pellets		
Processing Method	Blow Molding		
	Film Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.2	g/10 min	ASTM D1238
Vinyl Acetate Content	10.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	94		
Shore D	33		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	13.8	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	700	%	ASTM D638
Flexural Modulus	79.3	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	84.8	MPa	
1% Secant, TD	91.0	MPa	
Tensile Strength			ASTM D882
MD : Yield	6.23	MPa	
TD : Yield	5.81	MPa	
MD : Break	25.9	MPa	

TD : Break	18.9	MPa	
Tensile Elongation			ASTM D882
MD : Break	350	%	
TD : Break	500	%	
Dart Drop Impact (51 µm)	400	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.1	°C	ASTM D746
Vicat Softening Temperature	80.0	°C	ASTM D1525
Extrusion	Nominal Value	Unit	
Melt Temperature	221	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		

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#### Recommended distributors for this material

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