

# Sipchem EVA 2009

## 9% Ethylene - Vinyl Acetate [EVA] copolymer

**Product description:** Sipchem EVA 2009 is a 9% ethylene - vinyl acetate copolymer resin, manufactured by IPC<sup>†</sup> in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

Film made from EVA 2009 exhibits superior impact strength and heat sealability.

**Applications:** Meat Packaging, Meat Bags.

### Resin properties:

Physical properties	Typical Value <sup>1</sup>	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	9	wt%	IPC Method
Density	0.930	g/cm <sup>3</sup>	IPC Method
Melting Point	99	°C	ASTM D3418
Tensile Strength at Break MD	31	MPa	ASTM D882
Tensile Strength at Break TD	27	MPa	ASTM D882
Elongation at Break MD	330	%	ASTM D882
Elongation at Break TD	660	%	ASTM D882
Secant Modulus MD – 1% Secant	110	MPa	ASTM D882
Secant Modulus TD – 1% Secant	120	MPa	ASTM D882
Drop Dart Impact	250	g	ASTM D1709A
Elmendorf Tear Strength MD	120	g	ASTM D1922
Elmendorf Tear Strength TD	100	g	ASTM D1922

1. These are typical properties: these are not to be construed as specifications.
2. This product is not intended for use in medical applications and should not be used in any such applications.
3. Contact your Sipchem Representative for potential food contact application compliance.

<sup>†</sup>IPC [International Polymers Company]  
PO Box 12021  
Jubail Industrial City - 31961  
Kingdom Of Saudi Arabia

IPC is an affiliate of Sipchem

October 2013 – v 3.6  
Page 1/1

+966 3 801 9255

*The preliminary information in this document is provided for pre-marketing purposes only, and relates only to the named product or materials when not in combination with any other product or materials. The information and recommendations presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made. Before using one of the products mentioned herein, customers and other users should take care in determining the suitability of such product for the intended use. Sipchem and International Polymers Company therefore, do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein.*