

Sipchem EVA 2018

18.2% Ethylene - Vinyl Acetate [EVA] copolymer

Product description: Sipchem EVA 2018 is an 18.2% ethylene - vinyl acetate copolymer resin, designed for a variety of foam moulding application; manufactured by IPC[†] in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

EVA 2018 exhibits low melting temperature, good processability and mechanical properties.

Applications: Foams, Shoe Soles, Injection Moulding, Profile Extrusion, Films and Compounds

Resin properties:

Physical properties	Typical Value ¹	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	18.2	wt%	IPC Method
Density	0.935	g/cm ³	IPC Method
Vicat Softening Point	64	°C	ASTM D1525
Melting Point	87	°C	IPC Method
Tensile Strength at Yield	5.2	MPa	ASTM D638
Tensile Strength at Break	11	MPa	ASTM D638
Elongation at Yield	260	%	ASTM D638
Elongation at Break	>800	%	ASTM D638
Flexural Modulus	60	MPa	ASTM D790
Hardness Shore A	76		ASTM D2240
Hardness Shore D	36		ASTM D2240

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.

[†]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.