

Sipchem EVA 2005

4.5% Ethylene - Vinyl Acetate [EVA] copolymer

Product description: Sipchem EVA 2005 is a 4.5% ethylene - vinyl acetate copolymer resin, manufactured by IPC[†] in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

EVA 2005 is designed to be used for a wide range of applications requiring good mechanical and sealing properties.

Applications: Agricultural Film, Co-Extrusion Films, Form Fill and Seal Packaging, Freezer Film, High Clarity Film, Lamination Film, Poultry Bags, Rice Bags, Rubber Bale Wrap, Foams.

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	4.5	wt%	IPC Method
Density	0.928	g/cm ³	IPC Method
Melting Point	104	°C	ASTM D3418
Tensile Strength at Break MD	28	MPa	ASTM D882
Tensile Strength at Break TD	22	MPa	ASTM D882
Elongation at Break MD	310	%	ASTM D882
Elongation at Break TD	520	%	ASTM D882
Secant Modulus MD – 1% Secant	160	MPa	ASTM D882
Secant Modulus TD – 1% Secant	180	MPa	ASTM D882
Drop Dart Impact	170	g	ASTM D1709A
Elmendorf Tear Strength MD	90	g	ASTM D1922
Elmendorf Tear Strength TD	90	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.

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IPC is an affiliate of Sipchem

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