

Sipchem EVA 1005 CO

5% Ethylene Vinyl Acetate copolymer

Product description: Sipchem EVA 1005 CO is a 5% ethylene vinyl acetate copolymer resin, manufactured by IPC an affiliate of Sipchem in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

EVA 1005 CO 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.

Additives: Thermal Stabiliser: 300 ppm Antiblock: No Slip: No

Properties	Typical Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	1.0	g/10 min	ASTM D1238
Vinyl Acetate Content	5	wt%	ASTM D5594
Density	0.928	g/cm ³	ASTM D1505
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.

Compliance & Product Stewardship Department

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Disclaimer

Before using the product listed above, customers and other users should take care in determining the suitability of such product for the intended use. SIPCHEM do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein.

