

Sipchem EVA 0818 CO

18% Ethylene Vinyl Acetate copolymer

Product description: Sipchem EVA 0818 CO is a 18% ethylene vinyl acetate copolymer resin, designed for film applications.

EVA 0818 CO exhibits high transparency, good mechanical properties and low gel level.

It is manufactured by IPC, an affiliate of Sipchem in The Kingdom of Saudi Arabia using an Exxon Mobil high-pressure tubular process.

Applications: Agricultural Film, Blend Partner, Stretch Film, Stretch Hood, Co-Extrusion Film.

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

Properties	Typical Value ¹	Unit	Test Method
Melt Index (190°C / 2.16 kg)	0.8	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt %	ASTM D5594
Density	0.94	g/cm ³	ASTM D792
Melting Point	85	°C	ASTM D3418
Tensile Strength at Break MD	20	MPa	ASTM D882
Tensile Strength at Break TD	27	MPa	ASTM D882
Elongation at Break MD	610	%	ASTM D882
Elongation at Break TD	630	%	ASTM D882
Modulus Secant (1%) MD	48	MPa	ASTM D882
Modulus Secant (1%) TD	50	MPa	ASTM D882
Vicat Softening Point	64	°C	ASTM D1525
Gloss (60°C)	120		ASTM D523
Haze	1.8	%	ASTM D1003

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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