

Sipchem EVA 2518 CO

18% Ethylene Vinyl Acetate copolymer

Product description: Sipchem EVA 2518 CO is an 18% ethylene vinyl acetate copolymer resin, designed for a variety of foam moulding application; manufactured by IPC an affiliate of Sipchem in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

EVA 2518 CO exhibits low melting temperature, excellent processability and mechanical properties.

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

Additives: Antioxidant.

Properties	Typical Value	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	18	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	14.7	MPa	ASTM D638
Elongation at Yield	260	%	ASTM D638
Elongation at Break	>800	%	ASTM D638
Flexural Modulus	60	MPa	ASTM D790
Hardness Shore A	90		ASTM D2240
Hardness Shore D	38		ASTM D2240

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

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