Technical Datasheet

Sipchem EVA 2518

18.2% Ethylene - Vinyl Acetate [EVA] copolymer

Product description: Sipchem EVA 2518 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 2518 exhibits low melting temperature, excellent processability and mechanical properties.

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

Resin properties:

Physical properties	Typical Value[1]	Unit	Test Method
Melt Index (190°C / 2.16 kg)	2.5	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	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

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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