

Manufacturer: SIPCHEM

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

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

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