



شركة الصحراء العالمية للبتروكيماويات  
(شركة مساهمة سعودية)  
Sahara International Petrochemical Company  
(Saudi Joint Stock Company)

## 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 molding 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 Molding, Profile Extrusion and Compounding.

**Additives:** Thermal Stabilizer: 300 ppm      Antiblock: No      Slip: No

| Physical 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%               | ASTM D5594  |
| Density                    | 0.941         | g/cm <sup>3</sup> | ASTM D1505  |
| VICAT Softening Point      | 61            | °C                | ASTM D1525  |
| Melting Point              | 85            | °C                | ASTM D3418  |
| Tensile Strength at Break  | 15            | MPa               | ASTM D638   |
| Elongation at Break        | > 700         | %                 | ASTM D638   |
| Hardness Shore A           | 90            | Shore A           | ASTM D2240  |
| Hardness Shore D           | 35            | Shore D           | 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.

### Contact Details:

Sales and Marketing: [marketing@sipchem.com](mailto:marketing@sipchem.com)  
Compliance & Product Stewardship: [complianceps@sipchem.com](mailto:complianceps@sipchem.com)  
Website: [www.sipchem.com](http://www.sipchem.com)

### 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.

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• C.R. 2055007570  
• P.O. Box 12021 | Jubail Industrial City 31961 | Kingdom of Saudi Arabia  
• T +966 13 359 9999 | F +966 13 359 9610  
• Capital: SR 7,333,333,320

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هاتف +٩٦٦ ١٣ ٣٥٩ ٩٩٩٩ | فاكس +٩٦٦ ١٣ ٣٥٩ ٩٦١٠  
رأس المال ٧,٣٣٣,٣٣٣,٣٢٠ ريال سعودي