

## Sipchem EVA 5014 CO

14% Ethylene Vinyl Acetate copolymer

**Product description:** Sipchem EVA 5014 CO is a 14% ethylene vinyl acetate copolymer resin, manufactured by IPC an affiliate of Sipchem in The Kingdom of Saudi Arabia using an Exxon-Mobil high-pressure tubular process.

Film made from EVA 5014 CO exhibits very high impact strength, high clarity and excellent heat sealability.

**Applications:** Meat Packaging, Heat Seal Layer.

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

| Properties                    | Typical Value | Unit              | Test Method |
|-------------------------------|---------------|-------------------|-------------|
| Melt Index (190°C / 2.16 kg)  | 5.0           | g/10 min          | ASTM D1238  |
| Vinyl Acetate Content         | 14            | wt%               | ASTM D5594  |
| Density                       | 0.933         | g/cm <sup>3</sup> | ASTM D1505  |
| Melting Point                 | 88            | °C                | ASTM D3418  |
| Vicat Softening Temperature   | 64            | °C                | ASTM D1525  |
| Tensile Strength at Break MD  | 31            | MPa               | ASTM D882   |
| Tensile Strength at Break TD  | 27            | MPa               | ASTM D882   |
| Elongation at Break MD        | 300           | %                 | ASTM D882   |
| Elongation at Break TD        | 730           | %                 | ASTM D882   |
| Secant Modulus MD – 1% Secant | 66            | MPa               | ASTM D882   |
| Secant Modulus TD – 1% Secant | 74            | MPa               | ASTM D882   |
| Drop Dart Impact              | 320           | g                 | ASTM D1709A |
| Elmendorf Tear Strength MD    | 80            | g                 | ASTM D1922  |
| Elmendorf Tear Strength TD    | 60            | g                 | ASTM D1922  |

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.

### Compliance & Product Stewardship Department

#### Contact Details:

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