



## VINPOL™ EV0318

### Ethylene Vinyl Acetate Copolymer

Melt Index: 2.5

Density: 0.935

**VINPOL EV0318** is a thermo-stabilized 18% ethylene vinyl acetate copolymer resins exhibiting low melting temperature, excellent processability and mechanical properties. Targeted applications include foams, shoe soles, injection molding, profile extrusion, and compounds. This product is not intended for use in medical applications and should not be used in any such applications. Please contact your VPA representative for potential food contact application compliance.

| Resin Property                | Typical Value | Units             | Test Method |
|-------------------------------|---------------|-------------------|-------------|
| Melt Index, 2.16 Kg at 190 °C | 2.5           | g/10 min          | ASTM D-1238 |
| Vinyl Acetate Content         | 18            | wt%               | ASTM D-5594 |
| Density                       | 0.935         | g/cm <sup>3</sup> | ASTM D-1505 |
| Melting Point                 | 189 (87)      | °F (°C)           | ASTM D-3418 |
| Vicat Softening Temperature   | 147 (64)      | °F (°C)           | ASTM D-1525 |
| Tensile Strength at Yield     | 5.2           | MPa               | ASTM D-638  |
| Tensile Strength at Break     | 11            | MPa               | ASTM D-638  |
| Elongation at Yield           | 260           | %                 | ASTM D-638  |
| Elongation at Break           | >800          | %                 | ASTM D-638  |
| Flexural Modulus              | 60            | MPa               | ASTM D-790  |
| Hardness Shore A              | 76            |                   | ASTM D-2240 |
| Hardness Shore D              | 36            |                   | ASTM D-2240 |

These are typical properties: these are not to be construed as specifications

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.