



### VinPol™ LD00319 Series

#### Low Density Polyethylene

Melt Index: 0.25

Density: 0.919

**VINPOL LD00319** is a low density fractional melt blown film resin suitable for heavy duty film requiring high strength and processability. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

| Resin Property                    | Typical Value | Units             | Test Method |
|-----------------------------------|---------------|-------------------|-------------|
| Melt Index, 2.16 Kg at 190 °C     | 0.25          | g/10 min          | ASTM D-1238 |
| Density                           | 0.919         | g/cm <sup>3</sup> | ASTM D-4883 |
| Tensile Strength at Break (MD/TD) | 3700/3500     | psi               | ASTM D-882  |
| Elongation at Break (MD/TD)       | 150/550       | %                 | ASTM D-882  |
| Secant Modulus (MD/TD)            | 28000/35000   | psi               | ASTM D-882  |
| Elmendorf Tear Strength (MD/TD)   | 300/150       | g                 | ASTM D-1922 |
| Haze                              | 20            | %                 | ASTM D-1003 |

| Additive \ Suffix | -A   |
|-------------------|------|
| Antiblock         | High |
| Slip              | -    |

