



VINPOL™ LD02329 Series

Low Density Polyethylene

Melt Index: 2.3

Density: 0.929

VINPOL LD02329 Series is a medium density polyethylene blown film grade with high stiffness and good clarity. 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 | 2.3 | g/10 min | ASTM D-1238 |
| Density | 0.929 | g/cm3 | ASTM D-4883 |
| Tensile Strength at Break (MD/TD) | 3500/2700 | psi | ASTM D-882 |
| Elongation at Break (MD/TD) | 200/550 | % | ASTM D-882 |
| Secant Modulus (MD/TD) | 45000/55000 | psi | ASTM D-882 |
| Elmendorf Tear Strength (MD/TD) | 300/200 | g | ASTM D-1922 |
| Haze | 6.5 | % | ASTM D-1003 |

| | |
|--------------------------|--------|
| <i>Additive \ Suffix</i> | -A |
| <i>Antiblock</i> | Medium |
| <i>Slip</i> | - |

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