



VINPOL™ LB02018 Series

Linear Low Density Polyethylene

Melt Flow: 2.0

Density: 0.918

VINPOL LB02018 Series is an LLDPE cast film resin that can also be used in a blend to improve processability and film properties. 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 Flow | 2.0 | g/10 min | ASTM D-1238 |
| Density | 0.918 | g/cm ³ | ASTM D-4883 |
| Tensile Strength at Break (MD/TD) | 1100/900 | psi | ASTM D-882 |
| Tear Strength at break (MD/TD) | 9000/3500 | g/mil. | ASTM D-822 |
| Elongation at Break (MD/TD) | 400/850 | % | ASTM D-882 |
| Secant Modulus (MD/TD) | 17000/20000 | psi | ASTM D-822 |
| Dart Drop Impact | <50 | g | ASTM D-1709A |
| Elemdorf Tear Strength (MD/TD) | 20/450 | g | ASTM D-1922 |
| Haze | 1.7 | % | ASTM D-1003 |

| Additive \ Suffix | -B |
|-------------------|----|
| Antiblock | - |
| Slip | - |

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