



CFB2500 – “ULO[®]”

Specification Sheet

This product has been engineered specifically for critical products that require packaging in a film that combines low ionic contamination and ultra-low outgassing. ULO[®] Poly packaging film has excellent handling characteristics and an extremely clean surface.

With a higher gas barrier than standard low-density poly, ULO[®] Poly is an excellent choice for vacuum packaging applications.

| | Value | Specification |
|----------------------------|------------------|---------------|
| Density (Specific Gravity) | .924 | ASTM D 1505 |
| | | |
| Gauge, Gauge Tolerance | 4 mil, +/- 10% | ASTM D 374 |
| | | |
| Tensile Strength @ Break | | ASTM D 882 |
| MD | 2900 PSI | |
| TD | 2600 PSI | |
| | | |
| Elongation Strength | | ASTM D 882 |
| MD | 220% | |
| TD | 330% | |
| | | |
| Dart Impact | 80 Grams | ASTM D 1709 |
| | | |
| Cleanliness | LVL 50 & LVL 100 | IEST-CC1246D |

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Specification Sheet (cont.)

Leachable Anions by IC

Concentrations in 10¹¹ molecules/cm²

| Anions | Detection Limit Threshold | Sample Results |
|-----------|---------------------------|----------------|
| Bromide | .5 | < 0.5 |
| Chloride | 1.0 | 9.2 |
| Flouride | 2.0 | < .2 |
| Nitrate | 0.5 | 0.52 |
| Nitrite | 1.0 | <1 |
| Phosphate | 0.5 | < 0.5 |
| Sulfate | 0.5 | < 0.5 |

Leachable Monovalent & Divalent Cations by IC

Concentrations in 10¹¹ molecules/cm²

| Cations | Detection Limit Threshold | Sample Results |
|-----------|---------------------------|----------------|
| Lithium | 5.0 | <5 |
| Sodium | 1.0 | 3.6 |
| Ammonium | 2.0 | <2 |
| Potassium | 1.0 | <1 |
| Magnesium | 1.0 | 3.3 |
| Calcium | 1.0 | <1 |

All ULO[®] products meet: Fed Standard LP378D - Type 1, Class 2, Grade A, Finish 1

Available in standard thicknesses of .002", .003", .004", .005", and .006"
and custom thicknesses upon request.