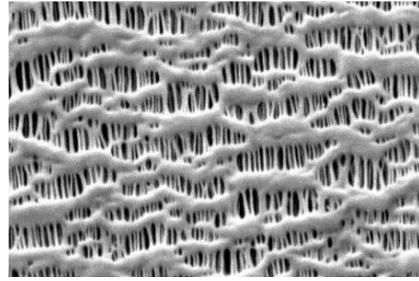


Product Name & Description

Celgard® 2400
25µm Monolayer Microporous Membrane (PP)



SEM images for illustrative purposes only

Primary Applications

Primary Lithium Batteries

Product Benefits

- Zero TD shrinkage reduces internal shorting
- Uniform pore structure with high chemical & thermal stability
- Medium porosity provides excellent energy performance
- PP layer provides superior high temperature melt integrity compared to other polyolefin-based, uncoated separators as well as oxidation resistance
- Offers additional safety and longevity for energy applications

Packaging

Please contact your Celgard representative for more information on product roll lengths and slit widths.

Technical Data (Typical Properties)

| Basic Film Properties | Unit of Measure | Typical Value |
|---|--------------------|---------------|
| Thickness | µm | 25 |
| Gurley (JIS) | Seconds | 620 |
| Porosity (Calculated) | % | 41 |
| TD Shrinkage @ 105°C / 1 Hour (typical) | % | 0 |
| MD Shrinkage @ 105°C / 1 Hour (typical / max) | % | 2.3 / 5.0 |
| TD Tensile Strength (typical / min) | Kg/cm ² | 140 / 70 |
| MD Tensile Strength (typical / min) | Kg/cm ² | 1420 / 700 |
| Puncture Strength (typical / min) | Grams Force (gf) | 450 / 340 |

At the Center of Membrane Innovation

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