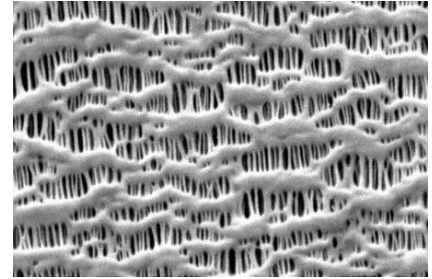


### Product Name & Description

Celgard® 2500  
25µm Monolayer Microporous Membrane (PP)

### Primary Applications

**High Power** Lithium Battery Systems; especially performance-critical applications



SEM images for illustrative purposes only

### Product Benefits

- Zero TD shrinkage reduces internal shorting
- Uniform pore structure with high chemical & thermal stability
- High porosity for excellent high-rate 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	200
Porosity (Calculated)	%	55
TD Shrinkage @ 105°C / 1 Hour (typical)	%	0
MD Shrinkage @ 105°C / 1 Hour (typical / max)	%	1.1 / 5.0
TD Tensile Strength (typical / min)	Kg/cm <sup>2</sup>	130 / 80
MD Tensile Strength (typical / min)	Kg/cm <sup>2</sup>	1170 / 770
Puncture Strength (typical / min)	Grams Force (gf)	325 / 200

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