

Product Name & Description

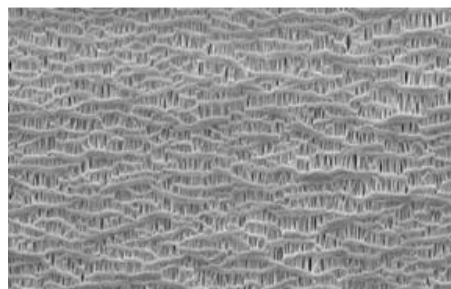
Celgard® PP2068
20µm Monolayer Microporous Membrane (PP)

Primary Applications

High Power Lithium Battery systems, especially performance-critical applications

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 exceptional safety and longevity for power applications.



SEM images for illustrative purposes only

Technical Data (Typical Properties)

Basic Film Properties	Unit of Measure	Typical Value
Thickness	µm	20
Gurley (JIS)	Seconds	185
Porosity (calculated)	%	55
TD Shrinkage @ 90°C / 1 Hour (typical)	%	0
MD Shrinkage @ 90°C / 1 Hour (typical / max)	%	2.4/ 5.0
TD Tensile Strength (typical / min)	Kg/cm ²	115 / 90
MD Tensile Strength (typical / min)	Kg/cm ²	1550/ 1400
Puncture Strength (typical / min)	Grams Force (gf)	330 / 200

Packaging

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

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Users of any substance should satisfy themselves by independent investigation that the material can be used safely. We may have described certain hazards, but we cannot guarantee that these are the only hazards that exist. Review the Product Safety Data Sheet for environmental, health and safety information related to this product.

