

Celgard® 3501

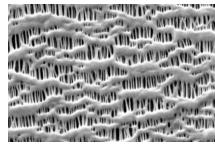
Monolayer Microporous Membrane

Product Name & Description

Celgard® 3501 25µm Monolayer Microporous Membrane (PP) **Surfactant Coated**

Primary Applications

Aqueous Electrolyte Battery Systems



Product Benefits

- Surfactant coated for rapid wetting
- Gas barrier provides thermal stability
- Zero TD shrinkage reduces internal shorting and improves high temperature dimensional stability
- · Oxidation resistance for excellent cycling and trickle charge performance

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/cm²	130 / 80
MD Tensile Strength (typical / min)	Kg/cm²	1170 / 770
Puncture Strength (typical / min)	Grams Force (gf)	325 / 200
Wettability (max- internal method)	seconds	30

At the Center of Membrane Innovation



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