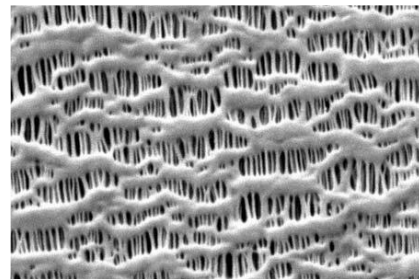


Product Name & Description

Celgard® 3500
25µm Monolayer Microporous Membrane (PP)
Surfactant Coated

Primary Applications

Aqueous Electrolyte Battery Systems



SEM images for illustrative purposes only

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
- Low foaming performance – well suited for applications where gas is generated

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 ²	130 / 80
MD Tensile Strength (typical / min)	Kg/cm ²	1170 / 770
Puncture Strength (typical / min)	Grams Force (gf)	325 / 200
Wettability (max- internal method)	seconds	30

Shelf life: 9 months from coating date

At the Center of Membrane Innovation

Manufacturing Locations

United States

Headquarters, Manufacturing and R&D at Charlotte

13800 South Lakes Drive
Charlotte, North Carolina
28273 United States

Phone: +1 704-588-5310

Fax: +1 704-588-5319

Manufacturing and R&D at Concord

390 Business Boulevard
Concord, North Carolina
28027 United States

Phone: +1 704-720-5200

Fax: +1 704-720-5211

China

Manufacturing & Distribution

Celgard (Shanghai) Materials Technology Co., Ltd.

Building 2, 180 North Ruying Road,

China (Shanghai) Pilot Free Trade Zone,

Pudong New District, Shanghai, 200131 China

Phone: +86 (21) 5028 0001

Sales Offices

Europe, Middle East & Africa (EMEA)

Sales & Technical Service

Phone: +33 3 88 82 41 08

Fax: +33 3 55 03 59 03

Korea

Sales & Technical Service

Phone: +82 41-905-6001

Fax: +82 41-905-6099

China

Sales & Technical Service

Phone: +86 21 3813 9910

Fax: +86 21 3813 9911

Japan

Sales & Technical Service

Phone: +81 3-6891-3750

Fax: +81 3-6891-3769

India & South Asia

Sales & Technical Service

Phone: +91 80 4256 1104

Fax: +91 80 4256 1106



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