

Product Name & Description

Celgard® 2340

39µm Trilayer Microporous Membrane (PP/PE/PP)

Primary Applications

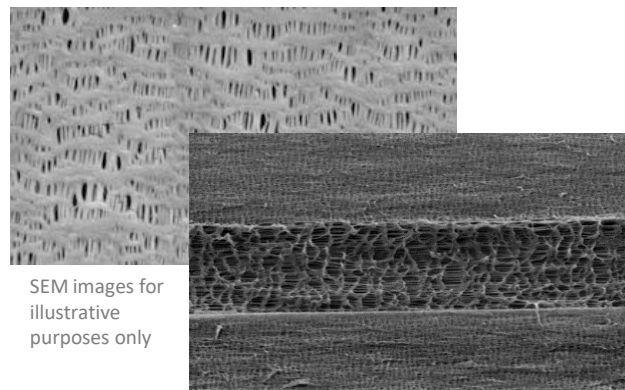
High Energy Lithium-Ion Battery Systems; especially those that require additional safety advantages

Product Benefits

- Zero TD shrinkage reduces internal shorting
- Uniform pore structure with high chemical & thermal stability
- Medium porosity provides excellent energy performance with low self-discharge
- PP outer layer provides high temperature melt integrity, oxidation resistance
- PE inner layer provides high-speed shutdown features

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	39
Gurley (JIS)	Seconds	780
Porosity (Calculated)	%	44
TD Shrinkage @ 105°C / 1 Hour (typical)	%	0
MD Shrinkage @ 105°C / 1 Hour (typical / max)	%	3.5 / 8.0
TD Tensile Strength (typical / min)	Kg/cm ²	165 / 100
MD Tensile Strength (typical / min)	Kg/cm ²	1630 / 1400
Puncture Strength (typical / min)	Grams Force (gf)	700 / 550

Manufacturing Locations

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China

Manufacturing & Distribution

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