Celgard 2500 Spain

What makes Celgard® membranes unique?
The unique polyolefin molecular propertiescreated by our patented dry-stretch manufacturing process also make Celgard® membranes ideally suited for several barrier-type applications.

Why is Celgard a good battery separator?
Celgard's machine direction (MD) only stretched base films are uniaxially-oriented in the machine direction (MD) with high strength and practically zero transverse direction (TD) shrinkage. As a battery separator,these features significantly improve cell manufacturability and safety.

Why is Celgard a solvent-free battery manufacturer?
Celgard's solvent-free manufacturing process results in chemically and thermally stable productsthat are used in a broad range of energy storage and other barrier-type applications,including lithium-ion batteries,lithium primary and select specialty battery solutions.

Are Celgard® separators PFAS free?
Celgard® ceramic and adhesive coated separators are produced using water-based binders. PFAS free*adhesive coating options available. Celgard® has the original patent position on CCS,including US 6,432,586 "Separator for High Energy Rechargeable Lithium Battery" patents.

What are Celgard® ceramic coated separators (CCS)?
Celgard® ceramic coated separators (CCS) offer improved safety and stability at elevated temperatures. Optional proprietary adhesive coatings provide strong adhesion to electrodes both before and after electrolyte filling. Multilayer (Ceramic and adhesive coated) separators are in advanced development stage.

Why should you choose Celgard® pp-based separators?
The oxidation resistanceof Celgard® PP-based separators provides improved durability at higher voltages - allowing increased energy density designs. Depending on cell design and chemistry they can be used without ceramic coating - reducing separator and cell weight.

Celgard® 2500. 25µm Monolayer Microporous Membrane (PP) Primary Applications . High Power Lithium Battery Systems; especially performance-critical applications. Product Benefits Zero TD shrinkage reduces internal ...

This 25µm Microporous Monolayer Membrane (PP) Separator Celgard 2500 is recommended to use in lithium-ion batteries lab research. Size: 25um thickness, 85mm width, 60m/roll; MOQ=1Roll.

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Celgard® 2500 Monolayer Microporous Membrane Product Name & Description Celgard® 2500 25µm Monolayer Microporous Membrane (PP) Primary Applications High Power Lithium Battery Systems; especially performance-critical applications Product Benefits Zero TD shrinkage reduces internal shorting

Celgard offers a complete range of single- and multi-layer membrane solutions. Celgard ® separators are available in a variety of thickness and slit width options, with or without water-based coatings.

Explore Celgard"s battery separator product literature on quality, high-performance battery separators. Contact us today for more information.

Celgard ® lithium-ion battery separators deliver unique advantages for safety and optimal combinations of energy and power performance in a wide variety of EV battery cell designs. We offer a range of separator solutions that balance the competing performance demands of EV systems, including safety, chemical and dimensional stability, and ...

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25µm Microporous Monolayer Membrane PP Battery Separator Celgard 2500 . This 25 µm Microporous Monolayer Membrane (PP) Separator is recommended to use in lithium ion batteries lab research. Features: Low electrical ...

Celgard® 2500. 25µm 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

25µm Microporous Monolayer Membrane PP Battery Separator Celgard 2500 . This 25 µm Microporous Monolayer Membrane (PP) Separator is recommended to use in lithium ion batteries lab research. Features: Low electrical impedance and high porosity provide high-rate capabilities. Uniform pore structure with high chemical and thermal stability

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