Kelvinite Flame Retardant Film

Kelvinite FRPP (Flame Retardant Polypropylene) stands out as a premier non-halogenated solution for electrical insulation, ensuring compliance with stringent environmental regulations. This innovative material combines superior chemical resistance, high strength, and versatility while aligning with sustainable practices. By choosing Kelvinite FRPP, companies can confidently meet industry safety standards and proactively adapt to evolving regulations with an eco-conscious product that does not compromise on performance. Ideal for applications across electric vehicles, data centers, appliances, and consumer electronics, Kelvinite FRPP delivers both high performance and responsible design.

Benefits

- Flame retardance - UL 94 V-O
- Chemical resistance
- Surface contamination resistance
- High impact resistance
- REACH and RoHS compliant
- EMI shielding
- Electrical insulation
- Made in USA
- 3D thermal formable
- Lightweight
- UV proofing
- Dielectric insulation
- Moisture resistance
- Structural design

Markets

- EV/Transporation
- Power Insulation
- Major Appliance
- Lighting
- Data Centers
- Consumer Electonics
- Medical Electronics
- Appliances

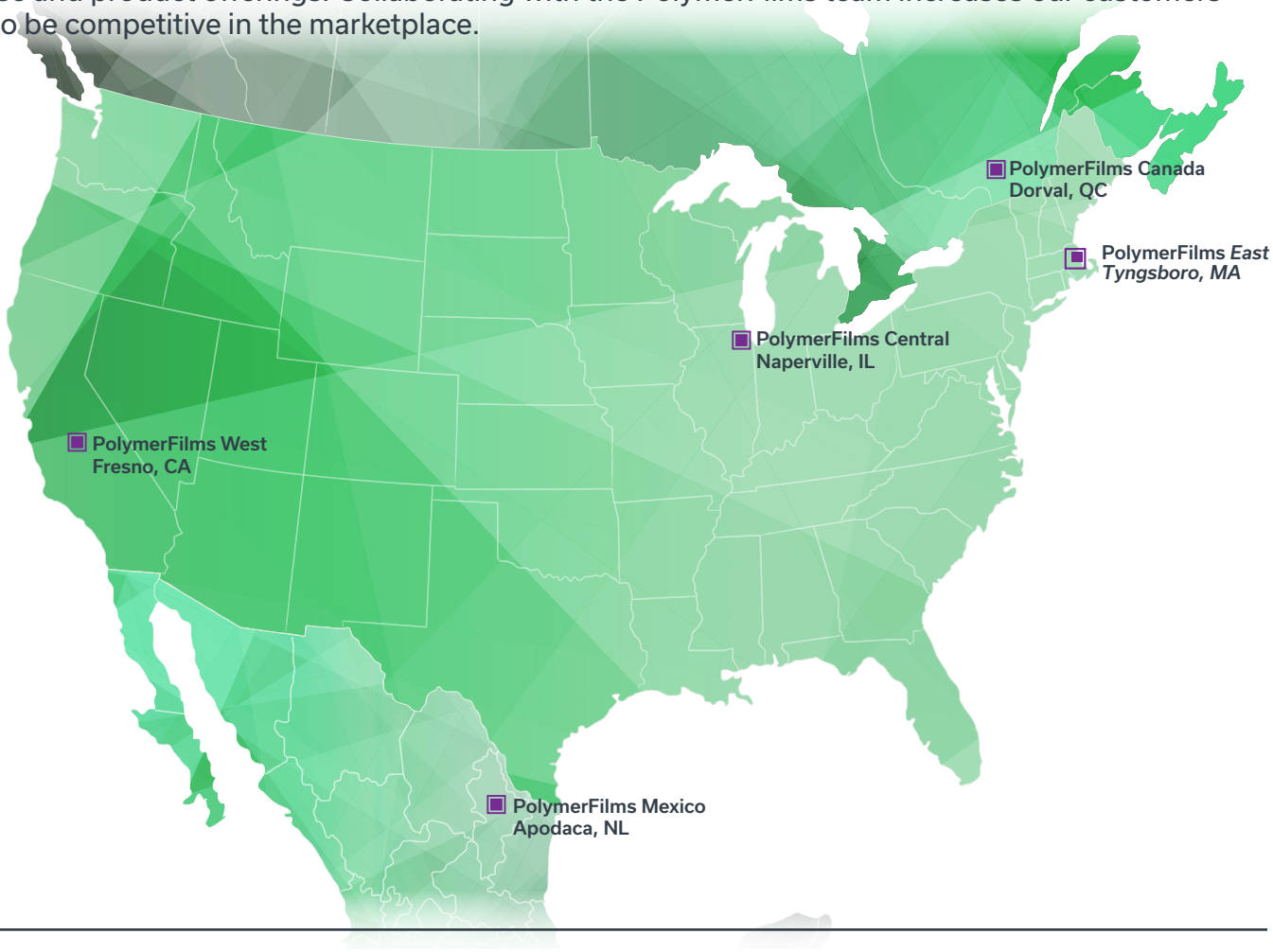
Applications

- Battery cell separator
- Battery pack case insulation
- Battery pack cover
- BMS insulation
- Busbar insulation
- Cell cover
- Charging station insulation
- Covers
- Industrial Insulator
- Module Case Insulation
- On-board charger insulation
- Separators

Film Conversion Solutions To Meet All Your Needs

PolymerFilms strives to exceed our customers' expectations, accurately converting a wide range of products in a timely and cost effective manner. Our conversion facilities provide more than 350 pre-converted standard sheets and rolls in stock, and sheets ready for same day shipping. Additionally, many other products in our portfolio can be custom fabricated and converted within days to meet your exact requirements.

We specialize in serving a variety of customers, from expansive to boutique- all benefiting from our expertise and product offerings. Collaborating with the PolymerFilms team increases our customers' ability to be competitive in the marketplace.



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