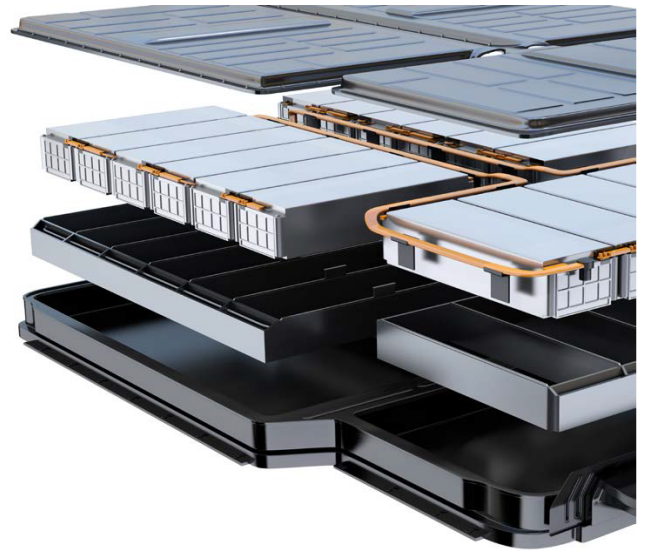


ELECTRIC VEHICLE SUPPLY EQUIPMENT FOR CHARGING STATIONS & BATTERIES

WITH LEXAN™ POLYCARBONATE FILM

INTERNAL COMPONENTS OF BATTERIES & CHARGING STATIONS

Eco & Flame Retardant LEXAN™ polycarbonate film is a suitable solution for internal components for both EV charging stations and batteries. These UL94-recognized and **lightweight** films can be perfect substitutes for metal and composites in insulation covers and battery packs. These films can be installed inside the battery, which acts as an insulator that **reduces heat transmission** from reaching the outer metal body.



PRODUCT BENEFITS



EXCELLENT DIMENSIONAL STABILITY

Long-term durability at high temperatures



EXCELLENT INSULATION

Dielectric properties against high voltage



ECO FLAME RETARDANT

UL-94 Recognition, VTM-0 to V-0,
No chlorine or bromine compliance



EASY TO BEND

Suitable for Die-cutting & Thermoforming

PRODUCT OFFERING

- Transparent , Translucent & Opaque LEXAN™ (E)FR PC Film Solutions
- Color availability: Transparent, Black & White



ENVIRONMENTALLY FRIENDLY SOLUTIONS

As part of our circular innovations and environmentally friendly solutions, we produce LEXAN™ EFR portfolio from Post-Consumer Recycled (PCR) resins that perform similarly to our virgin polycarbonate films. PCR EFR 565 film can potentially reduce the carbon footprint by 40%.

DISPLAY & LIGHTING FOR CHARGING STATIONS

Taking further steps to improve charging stations functionality, we offer LEXAN™ coated film solutions for displays, used as advertising billboards or information panels. Moreover, LEXAN™ Diffuser films are a suitable candidate for station lighting delivering **high light diffusion** and **transmission** - using fewer LEDs and reducing fixture depth.



Displays for Advertising and Information Panels

Internal Components

PRODUCT BENEFITS



HIGH WEATHERING PERFORMANCE



UV-PROTECTED COATING



HIGH LIGHT DIFFUSION



EASY PROCESSING, PRINTABLE & FLEXIBILITY IN DESIGN



EXCELLENT IMPACT & SCRATCH RESISTANCE



HIGH CHEMICAL RESISTANCE

PRODUCT OFFERING

- Transparent LEXAN™ Coated Film for Displays
- LEXAN™ Light Diffuser Film for Lighting
- LEXAN™ Flame Retardant Films available

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