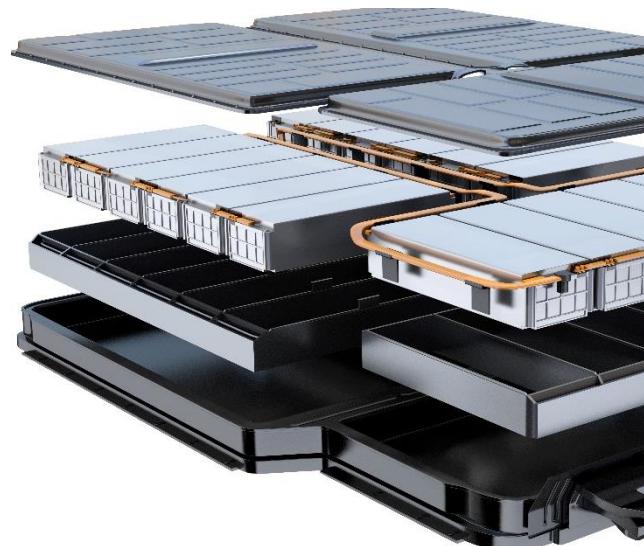


# ELECTRIC VEHICLE SUPPLY EQUIPMENT FOR CHARGING STATIONS & BATTERIES

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



### ECO FLAME RETARDANT

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



### EXCELLENT INSULATION

Dielectric properties against high voltage



### 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%

## PRODUCT OFFERING

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



HIGH WEATHERING PERFORMANCE



HIGH LIGHT DIFFUSION



EXCELLENT IMPACT & SCRATCH RESISTANCE



UV PROTECTED COATING



EASY PROCESSING, PRINTABLE & FLEXIBILITY IN DESIGN



HIGH CHEMICAL RESISTANCE

## PRODUCT OFFERING

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

**POLYVANTIS**

[www.polyvantis.com](http://www.polyvantis.com)



**LEXAN™**  
POLYCARBONATE FILM & SHEET  
Tough,  
Virtually  
Unbreakable