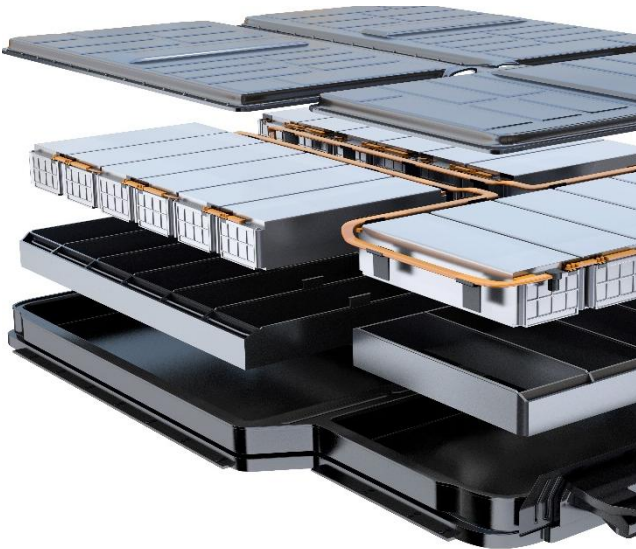


## ELECTRIC VEHICLE SUPPLY EQUIPMENT FOR CHARGING STATIONS & BATTERIES

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-o to V-O  
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%.

## 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



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 for internal components

## POLYVANTIS

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

