Solar Photovoltaic Encapsulation Film Factory

What is a solar cell encapsulation film?
Solar Cell Encapsulation Film Lushan® solar cell encapsulation film series includes EVA, POE, and EPE films. These films boast excellent resistance to PID, high insulation, high moisture resistance, and impressive durability against discoloration and aging.

Who makes encapsulant Solar Films?
At the Compound Companywe make encapsulant solar films - with a difference. Our sustainable encapsulant solar film for PV modules is based on Polyolefin Elastomer (POE) rather than the standard ethylene vinyl acetate (EVA).

Why should you invest in solar cell encapsulation film industry?
If you want to invest in the solar cell encapsulation film industry,choosing our equipment is an option to maximize the return on investment. Not only is this system able to keep accurate feeding continuously,but it is flexible while the recipe would be changed as per the market demand or technical upgrade.

How many solar cell encapsulation film production lines will we deliver in 2022?
In 2022,we will deliver dozensof POE film production lines. If you want to invest in the solar cell encapsulation film industry,choosing our equipment is an option to maximize the return on investment.

Why should you choose Poe / Eva solar cell encapsulation film?
The precise sync and synergetic control of each unit guaranteed the high quality final product at ease. The pursuit of each detail leads to a world class POE / EVA solar cell encapsulation film. We can guarantee the shrinkage less than 3%, and the line speed reach at 5~12m/min.

What is Strato ® photovoltaic encapsulating film?
It is an ultra fast cure and PID resistant POE(polyolefin elastomer) photovoltaic encapsulating film. STRATO ® POE products are crosslinkable for improved mechanical properties and light transmission compared to pure thermoplastic POEs.

Solar module is laminated by steel glass--EVA film--semiconductor wafer--EVA film--back sheet. Cross-linking and curing will take place while the composite structure will be heating ...

In the last two decades, the continuous, ever-growing demand for energy has driven significant development in the production of photovoltaic (PV) modules. A critical issue in the module design process is the adoption of suitable encapsulant materials and technologies for cell embedding. Adopted encapsulants have a significant impact on module efficiency, ...

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EVA/POE film is used in solar photovoltaic power station, building glass curtain wall, automobile glass, functional shed film, packaging film, hot-melt adhesive and other industries.

How many kinds of Solar Panel encapsulation films?. EVA: EVA resin is used as the main raw material, modified by adding cross-linking agent, silane coupling agent, light stabilizer, antioxidant, ultraviolet absorber and other additives, and ...

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The extrusion line utilizes EVA resins (having 30 to 33% VA content) as base material to produce EVA films for solar photovoltaic cells. This line is able to produce hot melt adhesive EVA interlayer film as well by changing the formula and process.

Exploring alternative encapsulation materials is crucial to meet the evolving needs of the solar industry and maximize the potential of photovoltaic technology. Over the past decade, research and development efforts have been devoted to exploring alternative materials to replace traditional EVA as encapsulants for solar cells. This attempt has led to the emergence ...

SATINAL"s product range of encapsulating films used in the Photovoltaic industry to laminate solar panels. The Photovoltaic product range includes proprietary chemical formulations that ...

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