# Application of fluorocarbon resin in photovoltaic panels


## Overview

Therefore, there has been a recent surge in the development of multi-functional surface coatings for solar panels, aiming to impart properties like self-cleaning, anti-reflection, anti-fogging, anti-icing, self-stratifying, and self-healing. The invention belongs to the field of high polymer materials, and particularly relates to a high-solvent-resistance fluorocarbon resin for a solar backboard. These specialized coatings form a protective barrier that resists corrosion, dirt, and UV degradation, ensuring solar panels operate at peak. Summary: Pool backsheets are primarily categorized into two main types: fluorine-containing backsheets and fluorine-free backsheets. Among the fluorine-containing backsheets, there are two subtypes: double-sided fluorine-containing (e. This material is usually made of high reflectivity PET film and prepared through specific techniques.

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**Highly transparent, superhydrophobic, and durable silica/resin self**

Therefore, the use of coated glass to encapsulate photovoltaic cells resulted in a significant increase in photovoltaic conversion efficiency, and the cell performance remained ...

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To overcome the limitations of PVDF in coating applications, researchers in Japan and the United States developed fluorocarbon resins containing hydroxyl functional groups.

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**CN114921133A**

According to the invention, through formulation and process innovation, the non-soluble fluororesin is taken as a main body, and is mixed and ground with an organic solvent to form a suspension,

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This review provides an overview of the

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The invention belongs to the field of high polymer materials, and particularly relates to a high-solvent-resistance fluorocarbon resin for a solar backboard.

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