

SOLARCYCLE today announced a multi-year agreement with Genesis Alkali to purchase Ecosoda™, a low-carbon natural soda ash produced near Green River, Wyoming, to help facilitate the ...

Summary: Discover why alkali treatment matters in photovoltaic glass manufacturing. Learn how this purification process enhances solar panel efficiency, supported by industry data and real-world applications.

Among the promising alternatives for improving waste valorisation of glass, alkali-activated materials (AAMs) emerge as a solution. Waste glasses can be employed both as aggregates and as ...

Sep 1, 2021 &#183; The use of waste glass in the production of alkali-activated cement is a potential solution to overcome waste management problems, as glass contains high content of silica

In this study, the amount of alkali was adjusted under two conditions using SO<sub>2</sub>, although different results would have been obtained if the alkali concentration was higher.

Solarcycle will buy naturally produced soda ash from Genesis Alkali, a key component in glass production. Genesis produces soda ash--also known as sodium carbonate--under the brand Ecosoda at...

However, producing and using solar energy technologies may have some environmental affects. Solar energy technologies require materials, such as metals and glass, that are energy intensive to make. The ...

Photovoltaic glass manufacturing often utilizes alkali compounds to enhance durability and light transmission. While heavy alkali metals like potassium and cesium aren't primary components, they sometimes appear in ...

In this work, we discuss one such method called aluminium induced texturization (AIT) which can help textured glass act as a scattering element in solar cells and introduce a sustainable fabrication method ...

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