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Title: Sodium nitrate for solar glass

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Sodium nitrate (NaNO₃) for Concentrated Solar Power (CSP) Sodium nitrate is a core component of molten salt heat-transfer and thermal energy storage (TES) systems used ...

Clear, bubble-free glass doesn't just happen--it's the result of precise chemistry and high-performance materials. One of the key contributors to that clarity is sodium nitrate, a ...

Commonly used clarifying agents are nitrated salts, namely sodium nitrate. Sodium nitrate as a decolorizing agent is mainly used to ...

When you opt for synthetic sodium nitrate and nitrite from BASF, you are guaranteed best-in-class purity and reliability. Whether you operate a parabolic trough, linear Fresnel, or tower plant, ...

Glass usually consists of silicates (e.g., silica) and other metal oxides, in which sodium nitrate can be used as a flux for the glass. The function of a flux is to lower the melting ...

Sodium nitrate is used as a heat transfer fluid in solar power plants, particularly in solar thermal energy systems. It can efficiently store and transfer thermal energy, making it a crucial ...

Sodium nitrate is a key component in molten salt storage for solar power plants, where it stores thermal energy efficiently, enabling power generation even after sunset.

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The main raw materials of photovoltaic glass include silica sand, soda ash, limestone, dolomite, sodium nitrate, glauber's salt, ...

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The main raw materials of photovoltaic glass include silica sand, soda ash, limestone, dolomite, sodium nitrate, glauber's salt, sodium antimonate, and aluminum ...

By modifying the glass composition, sodium nitrate can contribute to the formation of a stronger network structure within the glass matrix, improving its resistance to mechanical ...

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