

High-Temperature Resistant Energy Storage Containers for Wastewater Treatment Plants





Overview

What is high-temperature thermal storage (HTTs)?

High-temperature thermal storage (HTTS), particularly when integrated with steam-driven power plants, offers a solution to balance temporal mismatches between the energy supply and demand. However.

What is a high temperature storage material?

The main technological innovation of the company relies on the developed high temperature storage material in the form of purposely produced pellets or bricks, with high heat capacity and thermal conductivity.

What makes a good thermal storage system?

Systems based on sensible heat storage, latent heat storage and thermo-chemical processes are presented, including the state of maturity and innovative solutions. Essential for the effective integration of thermal storage systems is the optimal adaption to the specific requirements of an application.

What is a wastewater treatment plant (WWTP)?

Wastewater treatment plants (WWTPs) are undergoing a paradigm shift from the efficient removal of pollutants to the recovery of substances and energy from wastewater.



High-Temperature Resistant Energy Storage Containers for Wastew

High-Temperature Molten Salt Tanks and Pipes

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