



# QUARTZ SAND

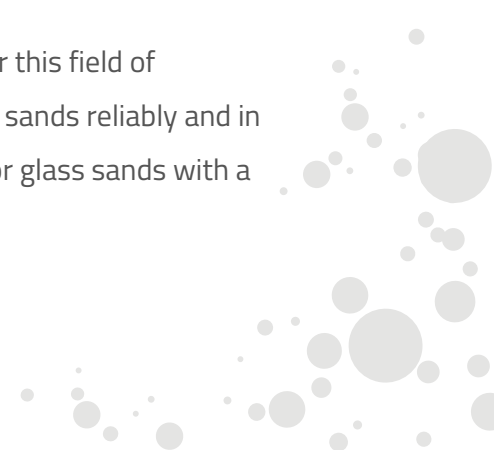
Reliably ensuring the moisture content.

High-purity quartz sand with a silicon dioxide content of > 99.5 % is mined worldwide in various deposits. The purified product is divided into various fractions and is used in numerous industries such as in the glass and ceramic industry, as aggregate for building materials, in the foundry as molding sands but also in the chemical and electronics industry.

## Glass Sands

Wet sand with a residual moisture content of < 5% by weight is needed especially for glass production. Traditionally, this sand is being prepared for sale in drainage silos. This batch process requires a lot of space, a lot of know-how and a lot of work. The required quality of the sales product with regard to the precisely specified moisture content cannot be reliably guaranteed with this method.

Our modern pan filters of the BoVac Pan series offer new solutions for this field of application. BoVac Pan filters are successfully used to dewater quartz sands reliably and in accordance with the required specification in a continuous process. For glass sands with a



finer grain distribution, the residual moisture can be effectively reduced by using steam.

**Main benefits:**

- constant product quality with regard to the required residual moisture
- reliable, safe operation
- no manual intervention by operating personnel necessary
- small footprint

