

Calbux Quicklime

- High-performance solution for the pulp and paper industry

Nordkalk Calbux Quicklime is an innovative product designed to meet the needs of the pulp and paper industry. In collaboration with Nordkalk's sister company, we ensure that our customers have access to lime of the highest quality, developed to deliver both technical performance and sustainability. With a focus on high purity, stable chemistry, and reactivity levels, this is an ideal solution for demanding industrial applications. Various fractions are available to suit specific process requirements.



Cost savings

With Nordkalk Calbux Quicklime, savings can be achieved thanks to the product's excellent chemical stability and durability, which minimize the need for adjustments and the challenges associated with lime fines. Additionally, the high durability contributes to low fines generation during reloading and similar processes. Furthermore, the high purity provides cost savings, as filters do not clog as frequently.



Technical Performance

Nordkalk Calbux Quicklime delivers high technical performance to meet the demands of the pulp and paper industry.

- Excellent chemical purity with low magnesium levels reduces process-related issues and ensures consistent and predictable quality
- High reactivity
- Good filterability that minimizes downtime



Environmental improvements and modern efficiency

Nordkalk Calbux Quicklime contributes to environmental sustainability by being produced in a modern and energy-efficient lime kiln. This advanced technology reduces energy consumption and emissions, ensuring a lower environmental impact. An EPD is available for the product, providing transparency about its environmental performance. By choosing Nordkalk Calbux Quicklime, you support more sustainable production methods that meet stricter environmental goals. The CO₂ footprint for Nordkalk Calbux is among the lowest in the entire market for burnt lime products for the paper industry.



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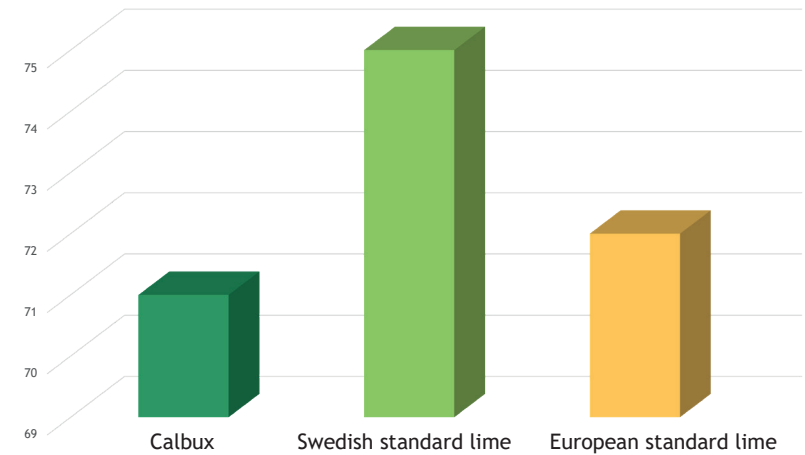
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Flexibility and reliability with Calbux

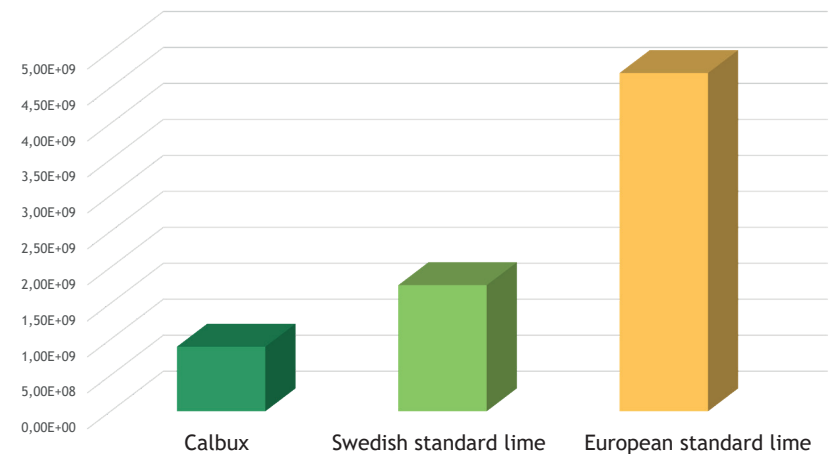
The T-max, or maximum temperature, for Calbux is close to that of standard European lime and only slightly lower than Swedish standard lime. This small difference demonstrates that Calbux is well-suited for processes typically used with these types of lime reactivities. Its compatibility ensures that industries accustomed to handling standard European or Swedish lime can fully replace it with Calbux in their processes without the need for major adjustments. This makes Calbux a reliable and flexible choice for a wide range of applications.



Graph 1. T-max (maximum temperature)

The importance of low filtration resistance and the advantage of Calbux

The filtration resistance of Calbux is noticeably lower than that of traditional Swedish lime and significantly lower than standard European lime, as shown in Graph 2. This advantage is due to the unique way the particles are formed during causticizing. The lower filtration resistance is a key benefit, as it minimizes constraints in the causticizing process and ensures smoother and more efficient operation.



Graph 2. Filtration resistance

For further questions, please contact our sales representative:



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Want to learn more about our lime products?
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