Preliminary product description

10.2018

Pictures glass K410®

Laminated glass **blocks** light with a high blue component up to **410nm**

Based on the K410® laminated glass technology, it is possible to produce large picture glasses that completely absorb the short-wave blue radiation up to a wavelength of 410 nm.

With a total thickness of approx. 2.0 mm, the bonded glass K410® impresses with its extreme resistance. Thanks to its combination of weight reduction, break resistance with soundproofing properties and high transmission in the visual range, bonded glass K410® is ideally suited for new functional applications. This results in a series of thermal, structural-physical and optical advantages, which not only convince in the building industry, in architecture, in the museum and artistic field with completely new applications.

Whether for showcases, picture frames, LCD displays or as a protective cover for various applications, where polymer materials reach their limits, functional glasses are used.

Specification

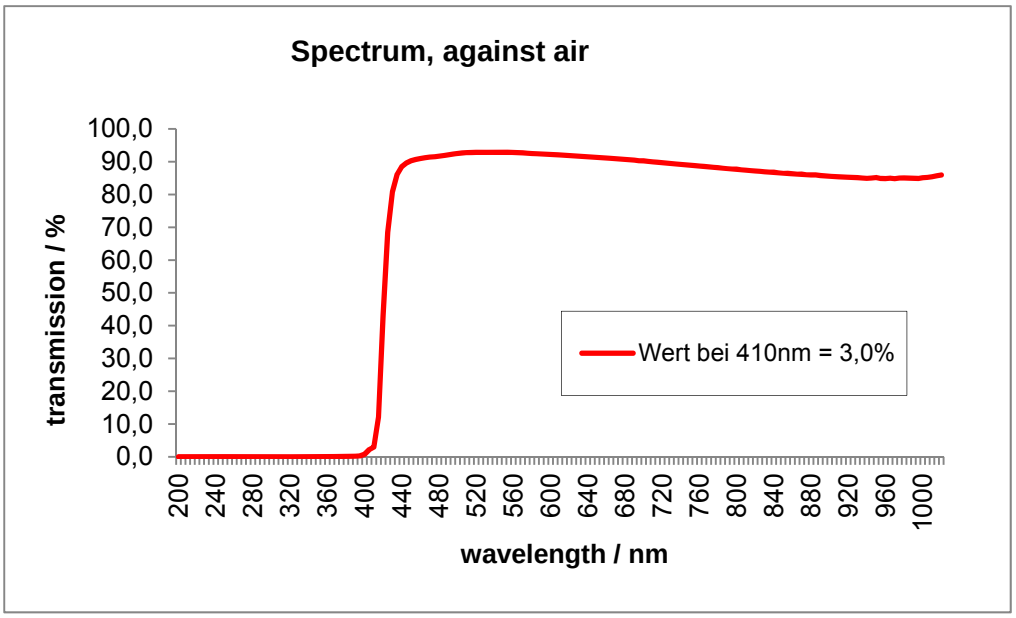
Glass bond dimension	up to 800 x 800mm
Test system* configuration	1.1 mm float/ K410®/ 1.1mm float
Thickness*	2,4 mm ± 0,1
Wight*	5,5 kg/qm ± 0,1
transmission at 410nm*	≤ 5.0 %

* All values apply to the test system

Processing

The bonded glass K410® is equipped with the water jet cutting technology processable. It can be used individually and in combination with other types of flat glass. When processing bonded glass K410® with other types of glass, a test bond must be carried out forcompatibility and visual appearance control. Complaints without prior inspection of the system used cannot be accepted.

Spectrum*



* All values apply to the test system

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Storage Storage at room temperature

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Notices

No adverse effects are known when used for its intended purpose and processed properly.According to previous experience and available information, laminated glass K410® does not cause any adverse effects on the environment or health if handled properly and if the necessary care and protective measures are taken when handling glass. Our information is based on all knowledge and experience currently available to us. The information in this data sheet does not release the user from his responsibility to carry out tests for suitability for the intended purpose and compliance with the technological processing rules for the product due to the large number of possible influences during the processing and application of our products.
Applicable laws and regulations as well as existing industrial property rights must be observed.

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