

Solar glass neutral borosilicate





Overview

What is borosilicate glass?

Engineers as well as product designers alike can benefit from superior performance and versatility to help them bring their visions to life. Borosilicate glass is manufactured using a variety of molding processes. It can be drawn as glass tubing for pharmaceutical packaging and as flat glass, or it can be shaped using the microfloat process.

Why is borosilicate glass better than soda-lime glass?

Compared to soda-lime glass, borosilicate glass exhibits significantly increased scratch and abrasion resistance. The high thermal resistance allows this material to withstand extreme and fluctuating temperatures. At the same time, its high transmission and optical clarity provide excellent visual quality.

How can borosilicate glass be adapted to specific applications?

By increasing the alkali and alkaline earth content, the CTE can be adapted to specific applications. Due to its composition, borosilicate glass has a number of remarkable technical properties.

Why should you choose Schott borosilicate glass?

Provides exceptional resistance to thermal shock and temperature fluctuations due to low thermal expansion. Delivers significantly increased scratch and abrasion resistance. Provides excellent optical clarity and visual quality. SCHOTT develops and manufactures a wide range of borosilicate glass for a variety of applications.



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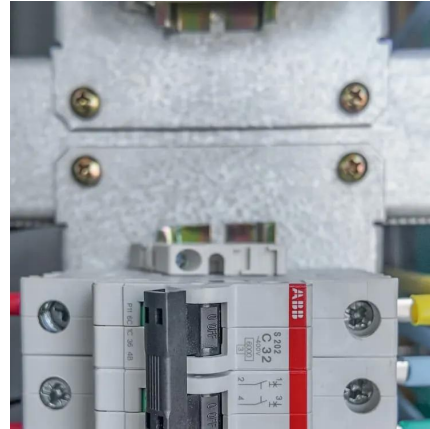


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Borates in borosilicate glass

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Borosilicate Glass , SCHOTT

Based on two main building blocks, silicon oxide and boron oxide, borosilicate glass is characterized by a densely cross-linked glass network. This material displays higher chemical ...





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BOROSIL

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