
What G-value should a Photovoltaic Glass have?
Photovoltaic glass can be customized to achieve a solar factor between 6% and 41%. A low g-value is desirable to prevent overheating,especially in warm climates,as it prevents the interior temperature from rising too high due to the greenhouse effect.

What is Photovoltaic Glass?
We have manufactured the first photovoltaic glass in the market that comes with low-emissivity properties, provides UV and IR filter, promotes natural light, and generates power. All our solutions offer a multi-functional value. The multifunctional properties of photovoltaic glass surpass those of conventional glass.

What standards are used in insulating glass?
Laboratory measured to the ISO 140-3standard. Monolithic,unlaminated clear glass tested. Laboratory measured to the ASTM E90-09 standard. Other configurations are available through special order. *Insulating glass unit constructed of two lites of equal glass thickness and 1/2" (12.7 mm) airspace.

Why should you choose Onyx Solar Photovoltaic Glass?
The multifunctional properties of photovoltaic glass surpass those of conventional glass. Onyx Solar photovoltaic glass can be customized to optimize its performance under different climatic conditions. The solar factor, also known as "g-value" or SHGC, is key to achieve thermal comfort in any building.

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Monolithic Glass Standards and Sizes Thickness Tolerance Range1 Maximum Nominal Glass Approximate Standard Size2,3 Quality Thickness Weight4 Levels in. mm in. mm in. mm lb/ft2 ...

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