

## **Advantages and uses of toughened ultra white glass**

### Toughened ultra white glass

Ultra white glass (tempered or tempered) is a kind of transparent low iron glass, also known as low iron glass, transparent glass. Mainly used for high transparency equipment, light transmittance of up to 95%. The product also has the characteristics of high temperature resistance and low temperature resistance. The highest temperature is 1200, and the lowest is -60.

Ultra white glass is a high-quality, multi-functional new high-grade glass varieties, high transmittance, with crystal clear, high-grade elegant features, the glass family "crystal Prince" said. Ultra white glass also has all the machinable properties of high quality float glass. It has superior physical, mechanical and optical properties, and can be processed like other high quality float glass, such as hot bending and screen printing.



### **Machining instructions of Toughened ultra white glass:**

Round step glass, square step glass, other special-shaped step glass;  
The processing of various shapes of glass cloth.

### **Product advantages of Toughened ultra white glass:**

High transmittance in visible wavelength range (high transmittance in visible light range)

Extreme stability of ultraviolet radiation (high stability of the sun)

Easy to process

Excellent resistance to mild chemical retention (with ideal thermal expansion coefficient)

The glass blew rate is low, because NiS generally contain impurities such as ultra white glass raw materials in less control in the raw material in the melting process of the fine, the ultra white glass relatively ordinary glass has more uniform composition, the less impurity, thereby greatly reducing the chance after tempering can self destruct.

### **Toughened ultra white glass's Product application:**

Precision electronic camera, mobile phone, SLR Lens, protection panel, Copier Scanner panel, electronic instrument, fluorescent plate glass, display glass mask.....

Lamps and lanterns glass super white lamp panel, high temperature lamp, LED lamp, flashlight, switch panel glass

Mirror glass -- pressure explosion proof container, precision instrument, ship, boiler, refrigeration, oil, printing and dyeing chemical industry, fibrillation, reaction kettle, mirror glass.....

Products display cabinets, display cabinets - jewelry display cabinets, cultural relics display cabinets, glasses display cabinets, cosmetics display cabinets, wine cabinets, perfume display cabinets, shop windows.....

High grade building decoration -- curtain wall, partition, door and window.....

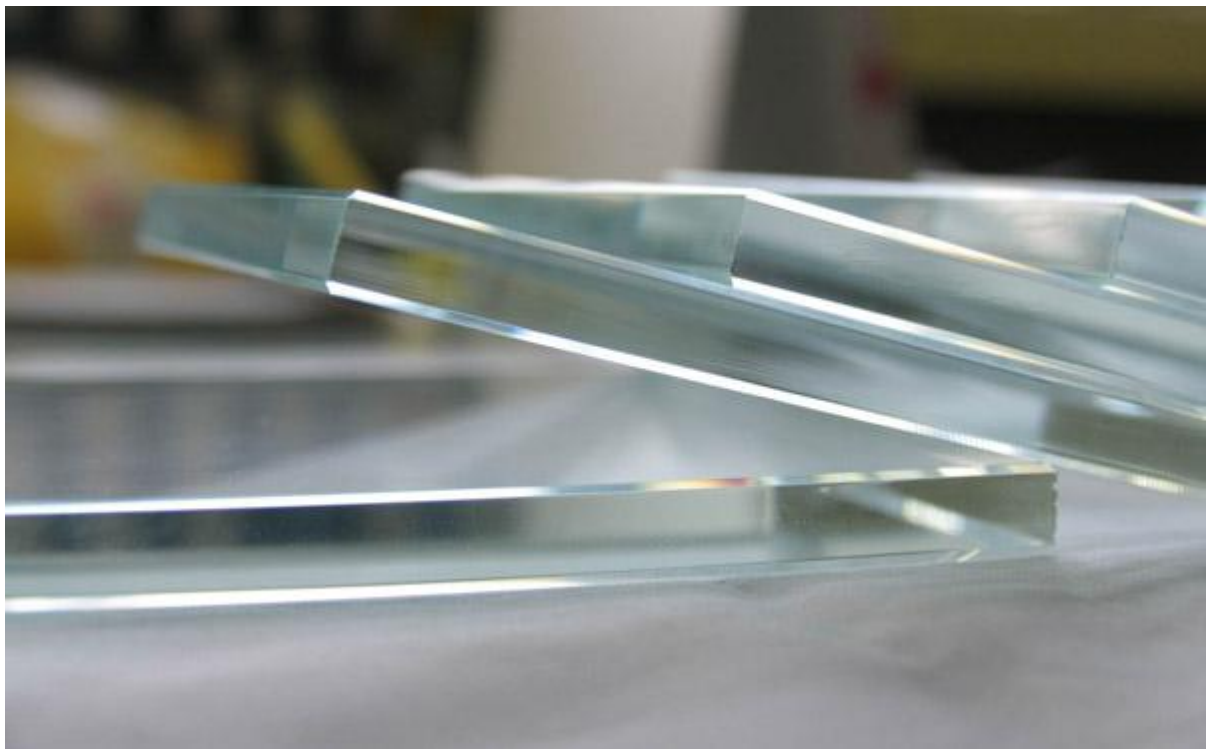
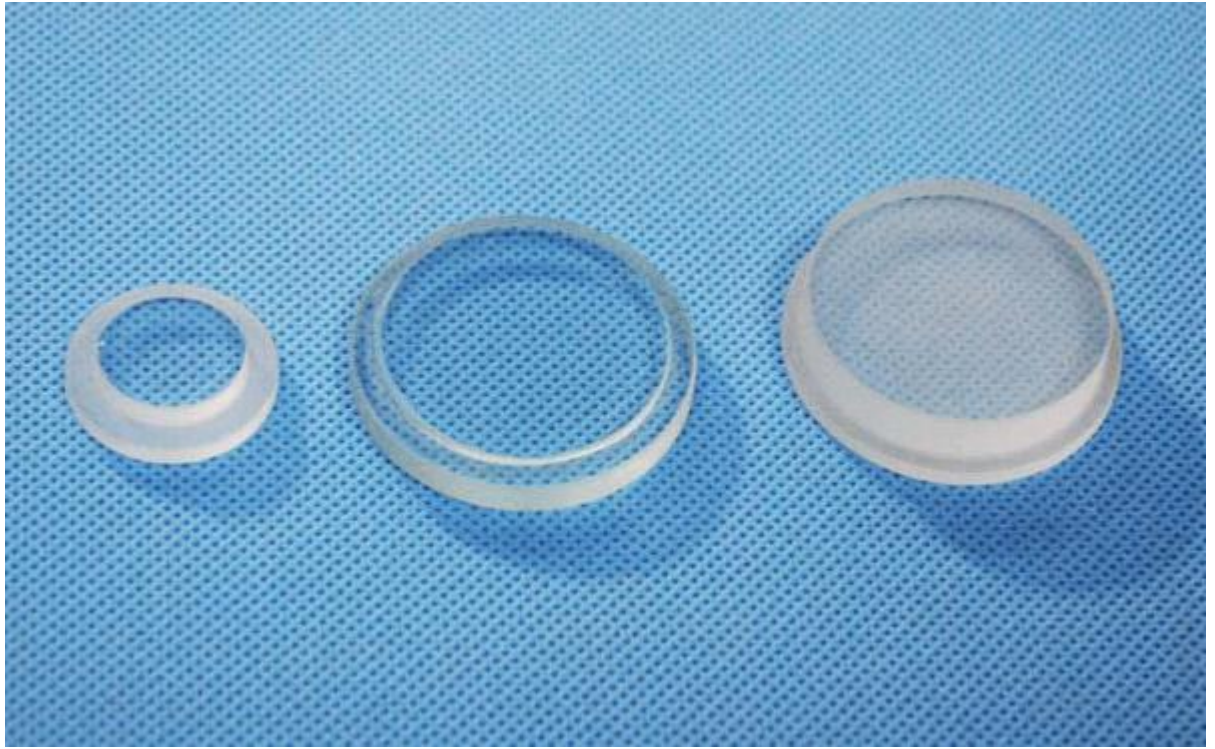
Daylighting ceiling: solar greenhouse, solar photovoltaic cell, solar flat plate collector, photoelectric curtain wall.....

Furniture glass -- tea table, bathroom, shower room.....

High grade arts and crafts album, penholder, ashtray.....

Aquarium -- aquarium container.....







Executive standard: ASTM-C1048-04-Tempered Glass-America Standard  
( tempered glass GB/T 9963-1998)

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