

## **SGG 4mm Low Iron Mistlite tempered solar glass supplier and manufacturer with high quality**

**4mm [Low Iron Mistlite tempered solar glass](#)** are normally made by 4mm Low Iron Mistlite tempered glass. Our Solar Glass are with best quality, EU market standard, designed and optimized to suit the requirements of various solar technologies with properties such as high solar energy transmittance, strength and durability.

### **Specifications:**

1. Glass type: Ultra Clear/ Low Iron Patterned Glass
2. Thickness: 3.2mm  $\pm$ 0.2mm; 4mm  $\pm$ 0.2mm
3. Light Transmission: around 91.6%
4. Energetic transmission: around 90.7%
5. Surface: Mistlite (Textured), structured on one side
6. Size: not beyond 2140x3300mm

### **Technical Data:**

Description	Ultra Clear/ Low Iron Patterned Glass
Content of Iron	$\leq 0.02\% \text{ Fe}_2\text{O}_3$
Thickness	3.2mm $\pm 0.2\text{mm}$ ; 4mm $\pm 0.2\text{mm}$
Light Transmission (Procedure EN410)	TL 91.6 $\pm 0.5\%$ at 3.2mm TL 91.5 $\pm 0.5\%$ at 4mm
Energetic transmission Measured on Polished glass (DIN ISO 9050)	TE 90.7 $\pm 0.5\%$ at 3.2mm TE 90.2 $\pm 0.5\%$ at 4mm
Surface	Mistlite (Textured), structured on one side
Tolerance of dimensions	$\pm 2\text{mm}$
Squareness (DIN 1249/pr EN12150)	Max difference 2mm
Bow	Max. 3mm/m
Needle Bubbles	Diameter <0.5mm allowed
Quality	Inclusions
Criteria from prEN572-5/94: (Distance of observation 1,5m perpendicular to glass sheet parallel to a grey background at a distance of 3m at diffuse day light )	All optical detectable inclusions are not permitted.
Round bubbles	Diameter < 2mm allowed. Diameter > 2mm not allowed.
Stretched bubbles	Width > 0,8mm not allowed For a width < 0,8mm: Length smaller 1mm, allowed Length between 1mm and 3mm, 4 pieces per sheet; Length between 3mm and 5mm, 1 pieces per sheet; Length bigger 5mm, not allowed
Open bubbles	Independent of size not allowed

## **Quality:**

Glass- grade A, accurate thickness, temperable patterned glass,EU market standard.

## **Applications:**

Low Iron Solar Glass are used on Solar Collector, Solar Cell, Concentrated Solar Power, Solar Thermal Collectors etc.



**Details of 4mm Low Iron Mistlite tempered solar glass:**

**product pictures**



**Package** 



**Production Line:**



