Item		Unit	Properties	Test Conditions
Mechanical Properties	Density	g/cm³	≤2.50	
	Young's modulus E	GPa	≥65	
	Poisson's ratio		≤0.23	
	Vickers hardness Hv	kgf/mm²	≥615	
Thermal Properties	Softening point Tst	℃	≥950	
	Annealing point Ta	℃	≥690	
	Strain point Ts	℃	≥640	
	Linear Expansion Coefficient α	10⁻⁷/℃	≤38	50-380℃
Optical Properties	Transmittance T	%	≥90	λ： 380 nm～780 nm
	refractive index nD		≥1.50	
Electrical Properties	Dielectric constant		≥4.50	20 ℃, 1 kHz
	Resistivity ρ	Ω·cm	≥11	250 ℃

Item	**Specification Value （mm）**
Outside Dimension	1170±2 × （1360～1390） ±2 ×（Center Values） ±10% Center Values Include：0.7/0.5/0.4/0.3/0.25/0.2
Whole board warp	≤0.3mm（Testing equipment: warpage measuring instrument, measuring
Plate thickness deviation	≤50um
Plate thickness deviation (0.3/0.25)	≤25um
Plate thickness deviation (0.2)	≤20um
Waviness	≤0.06um（Cutoff Wavelength 0.8～8mm）

3.2 Appearance Specifications (Shipping inspection: Full inspection)

Item		Specification Value
Surface Defects* (Scratches, Contamination)		In the surrounding dark state, under the light intensity of 1500 Lux, it is invisible to the naked eye.
Internal defects* (Bubbles, foreign matter)	0.7/0.5/0.4	≤500μm or less (Maximum diameter, based on shipping specifications agreed upon by both parties)
	0.3/0.25/0.2	≤200μm or less (Maximum diameter, based on shipping specifications agreed upon by both parties)

Specifications for items with * apply to the valid range.

4. Substrate Glass Packaging Requirements:

Control items	Specification	Remark
The amount of substrate exposed at the top of the spacer paper	35 +20mm	Biased Control
The amount of exposure on the left and right sides of the spacer paper	10±10mm	
The height of the lower end of the spacer paper from the base plate	0 + 20mm	Biased Control
Number of sheets spaced between substrate glass	1 pc	There should be no double paper phenomenon

5. Manufacturing Date, Manufacturing batch and Definition of inbound batch

5.1 Manufacturing Date

Processing,Check the date of the original glass plate.

5.2 Manufacturing batch

A batch of products that are continuously processed and inspected is a manufacturing batch.

5.3 Inbound Batch

After the product is processed, it is stored in the warehouse for storage.

6. Shipping Inspection

6.1 Inspection quantity and method

"3.2 "Appearance specifications" require full inspection and full guarantee。

"3.1 "Dimensional specifications" require the application of the following standards:
GB/T2828.1-2012/ISO2859-1:1999 S-3 AQL 1.0%

6.2 Inspection Item and Data

(1) For each shipment batch, an electronic copy of the Certificate of Warranty (COA) will be provided to the purchaser, and a written version will be provided if necessary.

(2) The original inspection data of the above dimensions and appearance items shall be kept by the supplier.

(3) The inspection data in (1) and (2) above are stored for a long time.

7. Package Type

Use dense packaging boxes, with labels printed with barcodes and affixed to the designated locations on the packaging box. The packaging quantity is shown in the table below.

Thickness	0.7t	0.5t	0.4t	0.3t	0.25t	0.2t
QTY	500 PCS	650 PCS	750 PCS	1000 PCS	1000 PCS	1000 PCS

8. Storage and Transportation

8.1 Storage

- Keep it indoors.
- Temperature control range: 25±10℃.
- Humidity control range: 55±15%. "

8.2 Transportation

The delivery party must ensure the safety of the product during transportation.

9. Guarantee Period

Each batch of products is 6 months from the date of processing, and the day of production is not included in the calculation.