

CITY STAR GROUP CO., LIMITED

Quality Standard Of First-Class Products

Defect type	Quality Requirement	
Point defect	Size (L)/mm	Allowable number limit
	$0.3 \leq L \leq 0.5$	$2 \times S$
	$0.5 < L \leq 0.8$	$0.5 \times S$
	$0.8 < L \leq 1.3$	$0.2 \times S$
	$L > 1.3$	0
Dot defect density	The minimum spacing of point defects with $L \geq 0.3\text{mm}$ shall not be less than 300mm; No more than 3 point defects with $L \geq 0.2\text{mm}$ in a 100mm diameter circle	
Line Mark	Not allow	
Crackle	Not allow	
Scratch/contusion	Allowed Range	Allowable number limit
	Width $\leq 0.2\text{mm}$, Length $\leq 40\text{mm}$	$1 \times S$
Section defect	When the nominal thickness does not exceed 2mm, it does not exceed the thickness of glass plate	
Optical Deformation	Nominal thickness mm	Colorless transparent flat glass
	1.5	$\geq 45^\circ$
	1.6	$\geq 45^\circ$
	1.8~1.9	$\geq 50^\circ$
	2	$\geq 50^\circ$
	2~3	$\geq 52^\circ$
Thickness deviation	Below 2mm: $\pm 0.15\text{mm}$ 2~3mm: $\pm 0.2\text{mm}$	
Thickness difference	$\leq 0.15\text{mm}$	
Dimensional deviation	$\pm 1\text{mm}$	
Diagonal difference	Less than 0.2% of the average diagonal length	
Curvature	$\leq 0.1\%$	
Rainbow test	Allowable light status	
Visible light transmittance	Folded 5mm glass, transmittance $\geq 88\%$	
<p>Note: S is the area value of glass plate in square meters, rounded off according to GB/T 8170, and two decimal places are reserved. The allowable limit of the number of point defects and the allowable limit of the number of scratches are the values obtained by multiplying each coefficient by S, rounded to an integer according to GB/T 8170</p>		
Spot defects: no light distortion points are allowed		