



HUNENG INTERNATIONAL TRADE CO.,LTD

ADD:ROOM 140A HENGTONG OFFICE BUILDING,NO.56 BEIJING ROAD,QINGDAO
FREE TRADE ZONE,QINGDAO,CHINA

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performance parameters ---tempered glass

Item		Quality Requirements				
		Laminated Glass		Tempered Glass		
Thickness Tolerance (mm)	Thickness (mm)	Tolerance		Tolerance		
	2.7	2.55-2.85mm		/		
	3	2.70-3.00mm		2.70-3.00mm		
	3.2	3.05-3.35mm		3.05-3.35mm		
	4	3.80-4.20mm		3.80-4.20mm		
	5	4.70-5.00mm		4.70-5.00mm		
	6	5.80-6.20mm		5.80-6.20mm		
	8-12	±0.30mm		±0.30mm		
15-19	±0.40mm		±0.40mm			
Edge Thickness (mm)	2.7-6	100mm: 0.06mm (Max)		/		
	8-12	100mm: 0.10mm (Max)		/		
Cross Bow (mm)	2.7-6	≤1.00mm/m		≤2.00mm/m		
	8-12	≤1.50mm/m		≤2.00mm/m		
	15-19	/		≤2.00mm/m		
Edge Quality (mm)	2.7-6	Flake	≤3mm		≤3mm	
		Flare/Bevel	≤3mm		≤3mm	
		Corners	≤4mm		≤4mm	
	8-12	Flake	≤6mm		≤6mm	
		Flare/Bevel	≤4mm		≤6mm	
		Corners	≤6mm		≤10mm	
	15-19	Flake	/		≤12mm	
		Flare/Bevel	/		≤12mm	
		Corners	/		≤25mm	
Over Score & Cutter Drag		Not Allowed		Not Allowed		
Size Tolerance (mm)	Thickness (mm)	≤2000	>2000	≤2000	>2000	
	2.7-6	±2mm	±3mm	±2mm	±3mm	
	8-12	±3mm	±4mm	±4mm	±4mm	
	15-19	/	±6mm	±6mm	±6mm	
Squareness		For all thickness	Diagonal measurement difference/2 ≤0.2% the diagonal length			
Linear Flaws	Scratch, Roll Scuff,	No flaws visible at 2 meters when		No flaws visible at 1 meter when		
Bloom	For all thickness		≤Grade 2.0			
Non-Continuous Defects	Defect size (d)	Not allowed per square meter		Not allowed per square meter		
	d≤1.0mm	Allowed		Allowed		
	1.0<d≤	1		1		
	d>1.5mm	None		None		
Optical Destortion		Zebra≥45°		Zebra≥45°		

