

Quality standard for clear float glass- MC Grade

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Quality MB Level – Industrial Glass

质量等级 MC – 工业级玻璃

No. /序号	Item/项目	Requirement/要求	Remarks 备注	
1	Thickness 厚度	<3mm	-0.15/+0.1	
		3.0-6.0mm	-0.2/+0.1	
		8.0	-0.3/+0.2	
	Gradient 偏差		≤0.2	
2	Dimension 尺寸	Length/Width 长度/宽度	<3mm	-2/+1mm
			3.0-6.0mm	±2mm
			8.0mm	-3/+2mm
	Diagonal 对角线	L<3m	≤3mm	
		L≥3m	≤4mm	
3	Zebra 斑马角	<3.0mm	≥50°	100mm from each edge, 3 degree deviation 距边部 100mm 内 3° 偏差
		3-4mm	≥55°	
		≥5mm	≥60°	
4	Maximum Defect Number/ 20m2 最大缺陷数 数量/20m2	Refining 微缺陷 Nucleus 核≤0.12mm	8/1.2m2 (Drop tin 锡滴 6/1.2m2)	Refining bubble/drop tin/SnO2 微气泡/锡滴/SnO2
		Class 0 Deformation 变形<0.5mm	Acceptance 允许	Core 核<0.2mm
		Class 1 0.6mm<deformation 变形≤1.2mm	1	0.2mm<Core 核≤0.3mm
		Class 2 1.5mm<deformation 变形≤2.0	1	0.5mm<Core 核≤1.0mm
		Class 3 3.0mm<deformation 变形≤5.0	0	1.0mm<Core 核≤1.5mm
		Class 4 Deformation 变形>7.0mm	0	Core 核>2.5mm
5	Scratch/ Microcrack 划伤/微裂纹		Invisible distance of scratch on/Microcrack glass is 320mm. 玻璃划伤/微裂纹的不可见距离是 320mm	
	Distance between two defects 两缺陷间距		More than 300mm/大于 300mm	
	Microcrack 微裂纹		≤0.3mm	
6	Cutting 切割	≤3mm	Length and width are less than 2mm 长度和宽度不超过 2mm	protrusion, chipping, corner on-off, shelling, slice off 暴边, 凸凹, 斜面, 缺角
		3-5mm	Length and width are less than 3mm 长度和宽度不超过 3mm	
		>5mm	Length and width are less than 5mm 长度和宽度也不超过 5mm	
7	Flatness (Difference)/平整度 (高点至低点)		≤0.8	
8	Tin count 锡含量		≤1300	
9	Ream Index 条纹		≤3.0	

Remarks: After wash, no stain.清洗后, 无污染和霉变。