

AYD Glass Float Glass Industry Co.

Performance data of Normal Clear Float Glass

NOTS: This report relates to newest production Clear Float Glass. Thickness is controled according to standard DIN 573-2 -2012 For Agricultural glass and factory standard in Automotive glass.

>Lorem ipsum

Thickness	Point defect, Inclusions, Bubbles	Dimension		Thickness	Visible Range		UV Transmittance	Solar rang			Colorimetry			
	Acceptable AVE Number in 20 m ² from 20 TON (NO)	Height(mm)	Width(mm)	AVERAGE & OAV(mm)	Light Transmittance	Light Reflectance		Solar factor	Solar direct Transmittance	Solar direct Reflectance	a*	b*	L*	Shadig coefficient
2 mm	According to standard number 10673-2 for building clear float glass.	± 5	± 3	2.10±0.3	~> 90	~5	~ 73	N/A			-0.63	0.13	95.89	N/A
2.2 mm		± 5	± 3	2.23±0.05	~> 90	~5	~ 71				-0.63	0.14	96.04	
2.5 mm		± 5	± 3	2.50±0.05	~> 90	~5	~ 68				-0.8	0.1	95.9	
3 mm		± 5	± 3	3.00±0.1	~>90	~5	~ 65				-0.95	0.19	95.9	
3.5 mm		± 5	± 3	3.50±0.15	~>90	~6	~ 64				-1.16	0.28	95.67	
4 mm		± 5	± 3	4.00±0.2	~> 88	~6	~ 63				-1.37	0.12	95.52	
5 mm		± 5	± 3	5.00±0.2	~>88	~6	~ 61				-1.64	0.09	95.25	
5.5 mm		± 5	± 3	5.50±0.15	~> 88	~6	~ 61				-1.63	0.22	95.12	
6 mm		± 5	± 3	6.00±0.2	~>88	~6	~ 61				-1.62	0.26	95.3	
8 mm		± 5	± 3	8.00±0.2	~> 81	~7	~ 55				-2.36	0.2	94.7	
10 mm		± 5	± 3	10.00±0.3	~> 83	~7	~ 52				-2.9	0.22	94.51	
12 mm		± 5	± 3	12.00±0.3	~> 79	~8	~ 44				-4.35	-0.1	93.2	

H: 35% Observer: 10° Test Equipment: Gretag maebath Color Eye 7000 A Spectrophotometer.

Thickness	Acceptable Range		Result for both Tests	Acc/Rej	Test codition: In this experiment, zebra screen brightness should be between 400 to 1200 lux. The supervisor distance must be 4.5m from screen.The laboratory room must be dark matte wall colors with reflection coefficient is less than 0.1. Remark: According to Standard 10673-2 in bulding glass material certification basic sodalime silicate glass And BS EN 572-2-2012 & Company Standard in automotive Note: For Tempered glass reflective distortion not concerned.
	Reflective distortion	Thruhg distortion			
2.2 mm	α ≥30	α ≥50	OK	Acc	
3 mm	α ≥30	α ≥50	OK	Acc	
4 mm	α ≥30	α ≥55	OK	Acc	
5 mm	α ≥30	α ≥55	OK	Acc	
6 mm	α ≥30	α ≥55	OK	Acc	
8 mm	α ≥30	α ≥55	OK	Acc	
10 mm	α ≥30	α ≥55	OK	Acc	
12 mm	α ≥30	α ≥55	OK	Acc	
15 mm	α ≥30	α ≥55	OK	Acc	

Chemical composition for Fe2O3%: 0.09-0.1 % Test Reference Standard: ASTM C 169 - INSO 16467(1392) Temp: 25°C H: 30%

Characteristics	UNIT	Typical Values
Bulk Density	kg/m ³	approx.700
Molecular Weight	g/mol	650_850
Mean Diameter	μ	80_105
Adipic Acid	%	50±1

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