



GANZHOU ALUMINIUM CO.,LTD

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Specification of Aluminium strip and sheet for Blinds

1. Scope

This provisions specify specification of Aluminium strip and sheet for blinds in ganzhou aluminium

2. Requirements

2.1. Alloy. Temper ,specification

Alloy. Temper ,specification shall comply with following table 1

Alloy	Temper	Specification(mm)		
		Thickness(mm)	Width(mm)	length
5052,5182	H19	0.130-0.250	15 — 100	As required

Note: if clients need other Alloy such as 3105/3102, Detail shall be discussed between both parties

2.2. Physical properties: refer to table 2

Alloy	Temper	Thickness(mm)	Tensile strength(R _m (MPa))	Break elongation
5052	H19	0.130-0.180	» 290	A
		>0.180—0.250	>285	
5182	H19	0.130-0.200	^360	
		>0.200~0.250	2380	>1

^a<4₁₀mol represent break elongation after initial gap of 100mm

2.3. Thickness and width tolerance(mm): refer to following table

thickness	Thickness tolerance	width	Width tolerance
0.130-0.180	±0.003	MX50	±0.05
>0.180-0.250 ■	±0.005	>50-100	±0, 10

2.4 Appearance quality

Aluminium strip surface are not allowed to have a crack, corrosion, concave and convex point, peeling, perforation, bubble, crushing, clean cut, metal and nonmetal pumped, printed mark, loose dendritic pattern, such as rolling marks, a slight off color is allowed

Aluminium strip end should be flat, telescopicity is not greater than 2 mm, layer is not more than 1mm

Aluminium strip shall free from crack, falbala, burr, edge wave, deformation ,shall not effect edge paint

Joints is not allowed



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3. Testing methods

3.1 chemical composition

As per Standard of GB/T 20975 《Aluminium and aluminium alloy chemical composition analysis》 or ASTM B 209

3.2 . Measurements

3.2.1. Thickness measurements

Use accuracy of 0.01 mm micrometer for measurements

To measure thickness at places of 10mm away from both sides and at middle

3.2.2. Width measurements

Use 50 degrees with vernier caliper (measurement accuracy 0.02 mm)for checking width when aluminium strip width is less than 120mm.

Use steel ruler width accuracy 0.02 mm to check width when aluminium strip width is more than 120mm.

3.2.3. Physical properties.

As per ASTM B 209

3.2.4. Bending test

As per ASTM B 209

3.2.5. others: As per ASTM B 209

4. Judgement of test results

4.1 if chemical composition is unqualified, total lot is rejected

4.2 if mechanics properties is unqualified, double sample shall be taken in this roll for repeated test, if repeated test results is not qualified, total lot is taken as rejected.

But ,seller have right to check roll by roll, and qualified roll is taken as accepted.

4.3 if dimensional deviation is unqualified, total lot of strip is rejected

4.4 Appearance quality is unqualified, Total lot of strip is taken as rejected.

4.5 when other defects found, both sides shall discussed to deal with this lot of strips.



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5.Packing, storage, transportation, labling

5.1 labling

Each roll shall indicate in labling the following items or requirements as per order

Alloy, temper, size, lot number, net weight, gross weight,production date, inspection date, inspector, order no.。

5 .2. Mill's testing report

Mill test report shall be supplied together with

each lot shipment which will include:

Manufacturer's name and address, Alloy, temper, size, lot number, net and gross weight, inspector,inspection detail report , packing date, production date.