SINOALUM

Aluminium strips for transformers winding

Description:

Aluminum strip for electrical transformers winding

- Alloy:1050, 1060,
- Temper: O
- Thickness: 0.2-2.0mm
- Width: 10-1200mm
- Inner Diameter: 300mm, 400mm, 500mm
- Resistivity at 20 degree centigrade: Less than 0.02825Ω Mm/m
- Surface: Mill finish
- Edges: Edges are Deburring
- Packing: Export standard, wooden pallet or wooden case;
- Packing directionality: Vertical or Horizontal, based on customer's requirements
- Application: Used for low or high voltage transformer winding

Chemical Composition:

Alloy	Alum %	impurity content %	
		Fe	Others
1060-O temper	≥99.6	≤0.30	≤0.10

In The Fully Anneal Condition With Following Mechanical Properties

Alloy	Temper	Tensile stemgth(Mpa)	Elongation	Resistivity 20℃
1060	O	60-95	≥20	≤0.02825 Ω mm/m

The Maximum resistivity shall be 0.02825 Ω mm^2/m at 20℃.on average values of Resistivity will be of 0.0275 Ω mm^2/m

Thickness and Tolerances(mm)	Width and Tolerances (mm)				
	<100	100-200	201-500	501-1250	>1251
0.1±0.008	±0.20				
0.15±0.012	±0.20				
0.2±0.015	±0.20				
0.3±0.025	±0.20	+0.40			
0.4±0.03	±0.20	+0.40			
0.5±0.03	±0.30	+0.40			
0.6±0.03	±0.30	+0.40			
0.7±0.03	±0.30	+0.40	+1.0		
0.8±0.03	±0.30	+0.50	+1.0		
1.0±0.04	±0.30	+0.50	+1.0	+2.0	
1.1±0.04	±0.30	+0.50	+1.0	+2.0	
1.2±0.05	±0.30	+0.50	+1.0	+2.0	
1.4±0.05			+1.0	+2.0	+2.5
1.6±0.05			+1.0	+2.0	+2.5
1.8±0.06			+1.0	+2.0	+2.5
2.0±0.07			+1.0	+2.0	+2.5