Cheap Price ASTM F15 Kovar Alloy Feni29co17 4j29 Iron Nickel Cobalt Material Plate/Sheet

Basic Information

Place of Origin: China
Brand Name: Victory
Model Number: 4j29(kovar)
Minimum Order Quantity: 50
Price: \$18-\$35

Packaging Details: Wooden Case& carton

• Delivery Time: 7-21 days

• Payment Terms: L/C, T/T, Western Union, MoneyGram

• Supply Ability: 300 tons per month



Product Specification

Certificate: ISO9001
 Shape: Sheet
 Ni (Min): 28.5
 Size: Customized
 Color: Nickel, silver
 Ultimate Strength (≥ MPa): 570
 Elongation (≥ %): 30 %

Application: Glass To Metal Sealing

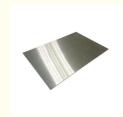
Brand Name: DLX

• Highlight: Kovar AlloyElectric Vacuum Kovar Alloy,

Kovar Alloy 4J29, K94610 kovar sheet



More Images



Product Description

Our Product Introduct

Precision Alloy Kovar 4J29 plate/sheet

Precision Alloy Kovar alloy is a vacuum melted, iron-nickelcobalt alloy that is widely used in the electronics industry. Precision Alloy Kovar is a nickel-iron-cobalt, controlled-expansion alloy which contains 29% nickel. Precision Alloy its coefficient of expansion, which decreases with rising temperature to the inflection point, matches the expansion rate of borosilicate glasses and alumina ceramics.

Precision Alloy Kovar alloy has been used for making hermetic seals with the harder Pyrex glasses and ceramic materials. This Precision alloy has found wide application in power tubes, microwave tubes, transistors, and diodes. In integrated circuits, Precision Alloy has been used for the flat pack and the



Basic performance: Precision Alloy is divided into low-expansion alloy and fixed-expansion alloy, the latter is also known as sealing alloy. Precision Alloy Expansion alloy besides has the specific thermal expansion coefficient, according to the different USES also requires a good sealing property, weldability and corrosion resistance, machinability and cutting, and in the use of expansion characteristics caused by the temperature range there is no obvious change of phase transformation, Precision Alloy product is commonly bar, sheet, strip, wire and tube and

Precision Alloy Expansion alloy applications: Precision Alloy is widely used in glass, metal and ceramic sealing in avionics and instruments, electric vacuum industry and other electronic devices, electric light source and other

Grade (C%	P%	S%	Mn%	Si%	Cu%	Cr%	Mo%	Ni%	С
Kovar I	Max 0.03	Max 0.020	Max 0.020	Max 0.50	Max 0.30	Max 0.20	Max 0.20	Max 0.20	28.5-29.5	16
pecificat	tions									
Grade			UNS			Werkstoff Nr.				
Kovar			K94610	K94610			1.3981			
hvsical I	Properties									
Grade	Density					Melting Point				
	r 8.17 g/cm3					1449°C				
Kovar		8.1	7 g/cm3			14	149°C			
	al Propert		7 g/cm3			14	149°C			
/lechanic	al Propert	ies	ensile Strength	n N/mm²		14	49°C			
	al Propert	ies T	ensile Strength	n N/mm² I/4 Hard	1/:	2 Hard		Hard	Full	Haro
/lechanic	•	ies T	ensile Strength		-	<u> </u>	3/4	Hard 0-770	Full >70	Haro 0
llechanic Grade	· rip	ies Ti	ensile Strength oft 1	I/4 Hard	59	2 Hard	3/4		_	0
lechanic Grade Kovar Str Kovar Wi	rip re	ies Ti S	ensile Strength oft 1	1/4 Hard 520-630	59	2 Hard 90-700	3/4)-770	>70	0
Mechanic Grade Kovar Str Kovar Wil	rip re nt of Expar	ies Ti	ensile Strength oft 1 570 5 585 5	7/4 Hard 520-630 585-725	59 65	2 Hard 90-700	3/4)-770	>70	0
lechanic Grade Kovar Str Kovar Wi	rip re nt of Expar	ies To S S S S S C C C C C C C C C	ensile Strength oft 1 570 5 585 5	7/4 Hard 520-630 585-725	59 65	2 Hard 90-700	3/4 600 725)-770	>70	0





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