

FeCrAl Alloy

Specifications

Item	Chemical Composition (%)				
	Cr	Al	Fe	Re	Nb
1Cr13Al4	12.0-15.0	4.0~6.0	Balance	Appropriate	
1Cr21Al4	17.0-21.0	2.0~4.0	Balance	Appropriate	
0Cr21Al6	19.0-22.0	5.0~7.0	Balance	Appropriate	
0Cr23Al5	20.0-23.5	4.2~5.3	Balance	Appropriate	
0Cr25Al5	23.0-26.0	4.5~6.5	Balance	Appropriate	
0Cr21Al6Nb	21.0~23.0	5.0~7.0	Balance	Appropriate	By volume Nb:0.5
0Cr27Al7Mo2	26.5~27.8	6.0~7.0	Balance	Appropriate	By volume Mo: 1.8~2.2

Properties

FeCrAl Alloy owns the characteristics of high resistivity, low temperature coefficient of electric resistance, high operating temperature, good oxidation resistance under high temperature, as well as the lower price.

Application

FeCrAl Alloy is widely used in industrial electric furnace, household electrical appliance and far infrared ray device.