

## Incoloy 800(UNS N08800)

### Specifications

Item	Chemical Composition (%)								
	C	Mn	Si	S	Al+Ti	Cr	Ni	Fe	Cu
Incoloy 800	≤0.1	≤1.5	≤1.0	≤0.015	0.3~1.2	19.0~23.0	30.0~35.0	bal	≤0.75
	Standard								
	Sheet/Plate		Round bar/Wire		Pipe		Tube		
	ASME SB-409 AMS 5871		ASME SB-408 AMS 5766		ASME SB-407 ASME SB-163 ASME SB-829 ASME SB-751 ASME SB-775		ASME SB-514 ASME SB-515 ASME SB-751 ASME SB-775		

### Properties

Incoloy 800(UNS N08800) is Nickel-Iron-Chromium alloy. The alloys' higher creep-rupture strength is the result of Aluminum, Carbon and Titanium contents.

### Application

Incoloy 800 is used in chemical and petrochemical processing, in power plants, industrial furnaces. And for heat treating equipment.