



A smartphone screenshot displaying the chemical composition for SS330. The screen shows a table with columns for Element (元素), Percentage (%), Tolerance (+/-), and Range (含量范围). The data is as follows:

元素	%	+/-	含量范围
Fe	43.88	0.663	36.00 - 50.00
Ni	35.22	0.636	34.00 - 37.00
Cr	19.56	0.454	17.00 - 20.00
Mn	0.93	0.255	0.00 - 2.00
Au	0.41	0.123	

## Ra330

### 1. Brief introduction:

Alloy No8330 is a Ni-Cr-Fe alloy with additions of Si enhances carburization and oxidation resistance to about 2100°F.

Alloy 330 is an austenitic heat and corrosion resisting alloy that offers a combination of strength and resistance to carburization, oxidation and thermal shock, and it remains fully austenitic at all temperatures.

### 2. Main specifications:

Alloy	UNS
330	N08330

### 3. Chemical composition under ASTM B511 standard:

Grade	Chemical Composition,%										
	Ni	Cr	Fe	Si	Mn	Cu	C	P	S	Pb	Sn
Alloy No8330	34.0-37.0	17.0-20.0	remainder	0.75-1.5	≤2.0	≤1.0	≤0.08	≤0.03	≤0.03	≤0.005	≤0.025

Fe element shall be determined arithmetically by difference.

Remarks: If require adjustments for some chemical compositions, pls consult with us.



**4. Main product types:**

Wire,rod,forging,bar,strip,sheet/plate,pipe/tube, fitting.

**5. Main produce standards:**

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Pipe/Tube	Fitting
ASTM/ASME B511 ASTM/ASME B512	ASTM/ASME B536	ASTM/ASME B535 ASTM/ASME B546 ASTM B710 ASTM B739	ASTM/ASME B366

**6. Ra330 source URL:**

<https://www.hitealloy.com/product/ra330.html>