



Alloy 600

1. Brief introduction:

It is an early developed nickel-chromium-iron-based solid solution strengthening alloy.

It has good high temperature corrosion resistance and oxidation resistance, excellent hot and cold processing and welding process performance.

It is suitable for making anti-oxidation parts with low load below 1100 °C.

2. Main specifications:

Chinese	UNS	USA	W.Nr
GH3600/GH600	No6600	Inconel 600	2.4816

3. Chemical composition under ASTM B166-08 standard:

Grade	chemical composition,%							
	Ni	Cr	C	Si	Mn	S	Cu	Fe
UNS No6600	≥72.0	14.0-17.0	≤0.15	≤0.5	≤1.0	≤0.015	≤0.5	6.0-10.0

4. Main product types we produce:

tube,wire,rod, bar,forging, strip,sheet/plate.



Shanghai Hite Special Alloy Co., Ltd.
<https://www.hitealloy.com>

5. Main produce standards:

Wire,rod, Bar	Forging	Sheet/Strip	Pipe
ASTM B166	ASTM B564	ASTM B168	ASTM B167
			ASTM B163
			ASTM B516
			ASTM B517

6. Alloy600 source URL:

<https://www.hitealloy.com/product/alloy-600-ns312.html>