



Hastelloy C22

1. Brief introduction:

It's Ni-Cr-Mo-Fe-W alloy with better overall corrosion resistance.

It has excellent corrosion resistance to both oxidizing and reducing acid environments, as well as those containing mixed acids.

It's particularly useful for resistance to pitting and crevice corrosion in acid-halide environments.

It's widely used in the chemical processing, pollution control, flue gas desulfurization, waste incineration and pulp and paper processing industries.

2. Main specifications:

USA	Alloy	W.Nr
Hastelloy C22	No6022	2.4602

3. Chemical composition under ASTM B574-17 standard:

Grade	chemical composition,%											
	Ni	Cr	Mo	Fe	W	Co	C	Si	Mn	V	P	S
Alloy No6022	Remainder	20.0-22.5	12.5-14.5	2.0-6.0	2.5-3.5	≤2.5	≤0.015	≤0.08	≤0.5	≤0.35	≤0.02	≤0.02

4. Main product types:

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



5. Main produce standards:

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B574 ASTM B564 ASTM B462 ASTM B472	ASTM B575	ASTM B619/B619M ASTM B622 ASTM B626	ASTM B366/B366M-16

6. Hastelloy C22 source URL:

<https://www.hitealloy.com/product/alloy-c22.html>