



Hastelloy B2

1. Brief introduction:

It's Ni-Mo alloy with additions of Fe, Co, Cr, and Mn.

It has excellent corrosion resistance in various reducing media and can withstand the corrosion of hydrochloric acid of any concentration at various temperatures under normal pressure.

It has excellent corrosion resistance in medium-concentration non-oxidizing sulfuric acid, phosphoric acid, high-temperature acetic acid, formic acid and other organic acids, bromic acid and hydrogen chloride gas, and is also resistant to corrosion by halogen catalysts.

It is commonly used in a variety of demanding petroleum and chemical processes, such as distillation and concentration of hydrochloric acid; alkylation of ethylbenzene and low pressure carbonylation of acetic acid and other production processes.

2. Main specifications:

Chinese	USA	Alloy
NS322	Hastelloy B2	N10665

3. Chemical composition under ASTM B335-03(2013) standard:

Grade	chemical composition,%									
	Ni	Mo	Fe	Cr	C	Si	Co	Mn	P	S
Alloy N10665	Remainder	26.0-30.0	≤2.0	≤1.0	≤0.02	≤0.1	≤1.0	≤1.0	≤0.04	≤0.03

4. Main product types:

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



5. Main produce standards:

Wire,Rod, Bar,Forging	Plate/Sheet/Strip	Tube/Pipe	Fitting
ASTM B335 ASTM B564 ASTM B462 ASTM B472	ASTM B333	ASTM B619/B619M ASTM B622 ASTM B626	ASTM B366/B366M-16

6. HastelloyB2 source URL:

<https://www.hitealloy.com/product/hastelloyb2-n10665.html>