

Hastelloy B-2(UNS N10665)

Specifications

Item	Chemical Composition (%)					
Hastelloy C22	C	Mn	Si	S	Ni	Fe
	≤0.015	≤0.5	≤0.08	≤0.02	Bal	2.0~6.0
	P	V	Mo	Cr	W	Co
	≤0.02	≤0.35	12.5~14.5	20.0~22.5	2.5~3.5	≤2.5
	Standard					
	Sheet/Plate		Round bar/Wire		Pipe	Tube
	ASME SB-575		ASME SB-574		ASME SB-622 ASME SB-775 ASME SB-751	ASME SB-626 ASME SB-619 ASME SB-775 ASME SB-751

Properties

Hastelloy B-2(UNS N10665) is a nickel-molybdenum alloy with excellent resistance to pitting, corrosion, and stress-corrosion cracking plus, thermal stability.

Application

Hastelloy B-2(UNS N10665) is widely used in the turbo super charger, jet engines, most chemical process applications in the welded condition.