

Hastelloy B-2

UNS N10665

W.Nr. 2.4617

Nickel

Molybdenum

www.arialloy.com/hastelloy-b2/

• Chemical Composition •

Ni%	Mo%	Fe%	Cr%	C%
Balance	26.0 ~ 30.0	≤ 2.0	≤ 1.0	≤ 0.02
Si%	Co%	Mn%	P%	S%
≤ 0.10	≤ 1.00	≤ 1.0	≤ 0.04	≤ 0.03

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB, max
Pipe & Tube	All	760	350	40	...	...
Bar & Rod	All	760	350	40	...	...
Sheet, Plate & Strip	All	760	350	40	...	100

• Physical Properties •

Density	
lb/in ³	g/cm ³
0.333	9.22

• Main Standards •

Billet, Rod & Bar	Plate, Sheet & Strip	Pipe & Tube	Fittings	Forgings	Welding Products
ASTM B335 ASME SB 335	ASTM B333 ASME SB 333	ASTM B622/ASME SB 622 ASTM B619/ASME SB 619 ASTM B626/ASME SB 626	ASTM B366 ASME SB 366 ASTM B462 ASME SB 462	ASTM B564 ASME SB 564 ASTM B462 ASME SB 462	AWS A5.14/ ERNiMo-7 AWS A5.11/ ENiMo-7