

Hastelloy

C-4

UNS N06455

W.Nr. 2.4610

Nickel

Chromium

Molybdenum

www.arialloy.com/hastelloy-c4/

• Chemical Composition •

Mo%	Cr%	Fe%	Co%	C%	Si%
14.0 ~ 17.0	14.0 ~ 18.0	≤ 3.0	≤ 2.0	≤ 0.015	≤ 0.08
Mn%	P%	S%	Ti%	Ni%	
≤ 1.0	≤ 0.04	≤ 0.03	≤ 0.7	Balance	

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB, max
Pipe & Tube	All	690	276	40	...	...
Bar & Rod	All	690	276	40	...	...
Sheet, Plate & Strip	All	690	276	40	...	100

• Physical Properties •

Density	
lb/in ³	g/cm ³
0.312	8.64

• Main Standards •

Billet, Rod & Bar	Plate, Sheet & Strip	Pipe & Tube	Fittings	Welding Products
ASTM B574 ASME SB 574	ASTM B575 ASME SB 575	ASTM B622/ASME SB 622 ASTM B619/ASME SB 619 ASTM B626/ASME SB 626	ASTM B366 ASME SB 366	AWS A5.14/ ERNiCrMo-7 AWS A5.11/ ENiCrMo-7