

Hastelloy

G-30

UNS N06030

W.Nr. 2.4603

Nickel

Chromium

Iron

Molybdenum

Copper

www.arialloy.com/hastelloy-g30/

• Chemical Composition •

S%	Si%	C%	Mn%	P%	Cu%	Nb% + Ta%
≤ 0.02	≤ 0.8	≤ 0.03	≤ 1.5	≤ 0.04	1.0 ~ 2.4	0.30 ~ 1.50
Co%	W%	Fe%	Mo%	Cr%	Ni%	
≤ 5.0	1.5 ~ 4.0	13.0 ~ 17.0	4.0 ~ 6.0	28.0 ~ 31.5	Balance	

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB, max
Pipe & Tube	All	586	241	30	...	...
Bar & Rod	All	586	241	30	...	...
Plate	Annealed	586	241	30	...	...
Sheet & Strip	≥ 0.51mm Annealed	586	241	30	...	...

• Physical Properties •

Density	
lb/in ³	g/cm ³
0.297	8.22

• Main Standards •

Billet, Rod & Bar	Plate, Sheet & Strip	Pipe & Tube	Fittings	Forgings	Welding Products
ASTM B581 ASME SB 581 ASTM B472 ASME SB 472	ASTM B582 ASME SB 582	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 B462 ASME SB 462	AWS A5.14/ ERNiCrMo-11 AWS A5.11/ ENiCrMo-11