

UNS N10276

Hastelloy

C-276

W.Nr. 2.4819

Nickel

Chromium

Molybdenum

www.arialloy.com/hastelloy-c276/

Chemical Composition

Mo%	Cr%	Fe%	W%	Co%	C%
15.0 ~ 17.0	14.5 ~ 16.5	4.0 ~ 7.0	3.0 ~ 4.5	≤ 2.5	≤ 0.010
Si%	Mn%	V%	P%	S%	Ni%
≤ 0.08	≤ 1.0	≤ 0.35	≤ 0.04	≤ 0.03	Balance

Mechanical Properties

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB, max
Pipe & Tube	All	690	283	40	...	...
Bar & Rod	All	690	283	40	...	...
Sheet, Plate & Strip	All	690	283	40	...	100

Physical Properties

Density		Melting Range	
lb/in ³	g/cm ³	°F	°C
0.321	8.89	2415 ~ 2500	1323 ~ 1371

Main Standards

Billet, Rod & Bar	Plate, Sheet & Strip	Pipe & Tube	Fittings	Forgings	Welding Products
ASTM B574		ASTM B622/ASME SB 622	ASTM B366	ASTM B564	AWS A5.14/
ASME SB 574	ASTM B575	ASTM B983/ASME SB 983	ASME SB 366	ASME SB 564	ERNiCrMo-4
ASTM B472	ASME SB 575	ASTM B619/ASME SB 619	ASTM B462	ASTM B462	AWS A5.11/
ASME SB 472		ASTM B626/ASME SB 626	ASME SB 462	ASME SB 462	ENiCrMo-4