

Incoloy 028

UNS N08028

W.Nr. 1.4563

Iron

Nickel

Chromium

Molybdenum

www.arialloy.com/incoloy-028/

• Chemical Composition •

Ni%	Fe%	Cr%	Mo%	C%
30.0 ~ 34.0	Balance	26.0 ~ 28.0	3.0 ~ 4.0	≤ 0.030
Si%	Mn%	P%	S%	Cu%
≤ 1.00	≤ 2.50	≤ 0.030	≤ 0.030	0.6 ~ 1.4

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HRB
Seamless Pipe & Tube	All	500	214	40	...	...
Sheet, Strip & Plate	All	500	214	40	...	70 ~ 90

• Physical Properties •

Density	
lb/in ³	g/cm ³
0.290	8.00

• Main Standards •

Plate, Sheet & Strip	Pipe & Tube
ASTM B709/ASME SB 709	ASTM B668/ASME SB 668 ASTM B829/ASME SB 829