

Monel 401

UNS N04401

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Nickel

Copper

www.arialloy.com/monel-401/

• Chemical Composition •

Ni%	Cu%	Fe%	Mn%
40.0 ~ 45.0	Balance	≤ 0.75	≤ 2.25
C%	Si%	S%	
≤ 0.10	≤ 0.25	≤ 0.015	

• Mechanical Properties •

Product Form	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa	MPa	%	%	HRB
Wire	All	441	134	51	...	43

• Physical Properties •

Density		Melting Range	
lb/in ³	g/cm ³	°F	°C
0.321	8.91	2370 ~ 2460	1300 ~ 1350

• Products Available •



Wire



Wire Rod