

MATERIAL NUMBER 2.4360 · CLASS 2.4

NW4400

Material no. 2.4360

also listed as NiCu 30 Fe

Chemical composition, mechanical and physical property values, and 21 standard designations from 6 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
8.8 g/cm ³	21 in 6 regions	10 on file

Chemical composition

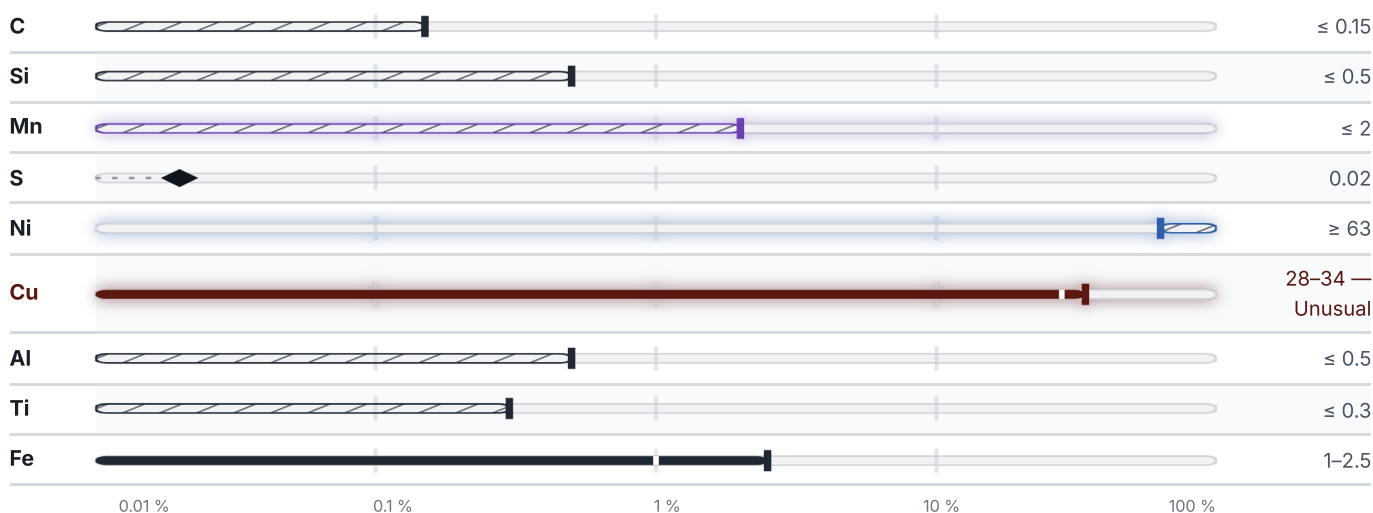
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 2.5 % ● Ni — 63 % ● Cu — 31 % ● Mn — 2 % ● Traces & impurities · 1.5 %

Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Ni, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.8	g/cm³

Designations across standards

21 designations · 3 documented as identical

United States		8	International		3
N04400	This grade's own name	uns	N04400		iso
N04405		uns	NiCu30		iso
4544		aisi-sae	NW4400		iso
B 127		astm	Europe		2
B 164		astm			
B 185		astm	NiCu 30 Fe	This grade's own name	din-en
B165		astm	S-NiCu 30 Fe	This grade's own name	din-en
B564		astm	United Kingdom		2
United States / Aerospace		5			
4574		ams	3072-76		bs
4575		ams	NA13		bs
4674		ams	Russia / CIS		1
4675		ams			
4730		ams	NMZhMts28-2,5-1,5		gost

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about NW4400

Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

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ISSUED

Aug 20, 2026