

MATERIAL NUMBER 2.4617 · CLASS 2.4

C-NiMo31

Material no. 2.4617

also listed as NiMo28

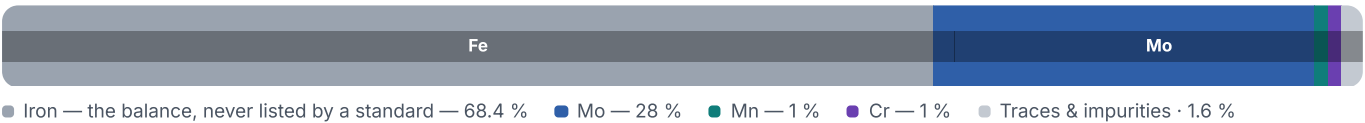
Chemical composition, mechanical and physical property values, and 16 standard designations from 4 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 16 in 4 regions	PROPERTY VALUES 12 on file
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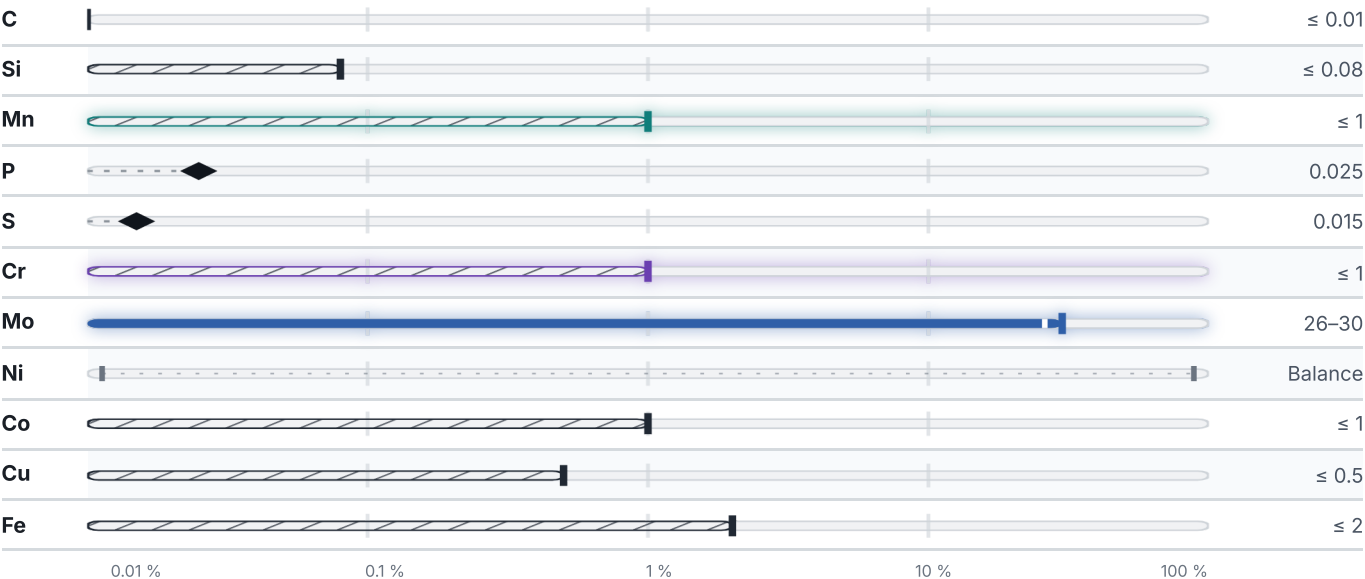
Chemical composition

Mass fraction in %

What this alloy is



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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

16 designations · 3 documented as identical

United States	11	International	2
N10665 This grade's own name	uns	C-NiMo31	iso
R30008 This grade's own name	uns	NW0665	iso
B333	astm		
B335	astm	Russia / CIS	2
B366	astm	EP495-VI	gost
B462	astm	N70M-VI	gost
B564	astm		
B619	astm	Europe	1
B622	astm	NiMo28 This grade's own name	din-en
B626	astm		
B775	astm		

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 C-NiMo31

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

Start an enquiry

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	2.4617	Aug 20, 2026