

MATERIAL NUMBER 2.4831 · CLASS 2.4

2.4831

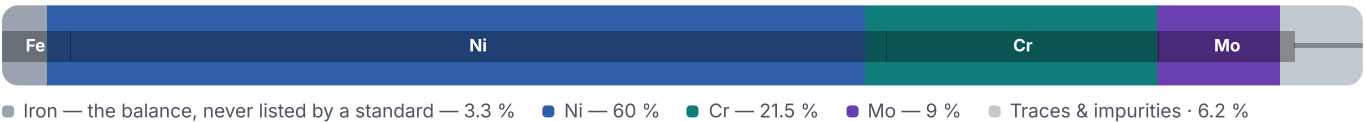
Chemical composition, mechanical and physical property values, and 9 standard designations from 3 regions.

DENSITY 8.4 g/cm³	OTHER DESIGNATIONS 9 in 3 regions	PROPERTY VALUES 13 on file
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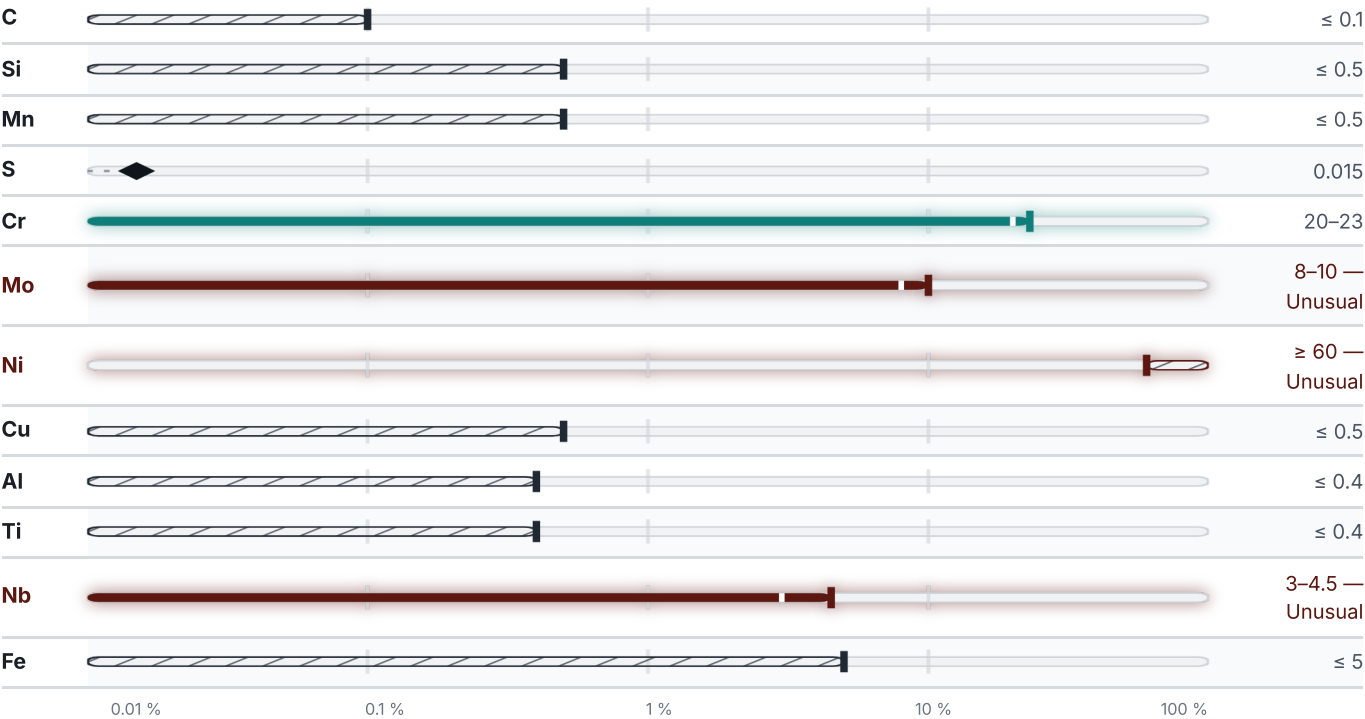
Chemical composition

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	8.4	g/cm ³

Designations across standards

9 designations · 3 documented as identical

United States	5	Europe	2
N06625	This grade's own name uns	SG-NiCr21Mo9Nb	This grade's own name din-en
N06626	uns	UP-NiCr21Mo9Nb	This grade's own name din-en
B 443 Gr 1	astm		
B 446	astm	United States / Aerospace	2
F3056	astm	5599	ams
		5666	ams

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 2.4831

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

MATERIAL NO.

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ISSUED

Aug 20, 2026