

MATERIAL NUMBER 2.4660 · CLASS 2.4

NiCr20CuMo

Material no. 2.4660

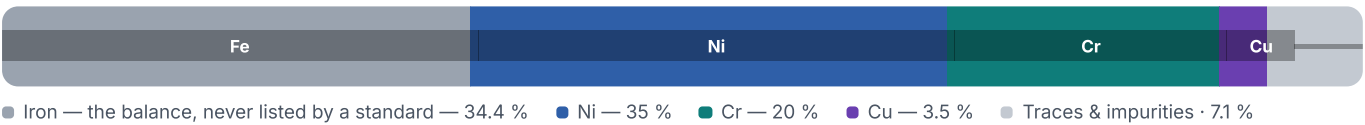
Chemical composition, mechanical and physical property values, and 15 standard designations from 4 regions.

DENSITY 8.1 g/cm³	OTHER DESIGNATIONS 15 in 4 regions	PROPERTY VALUES 12 on file
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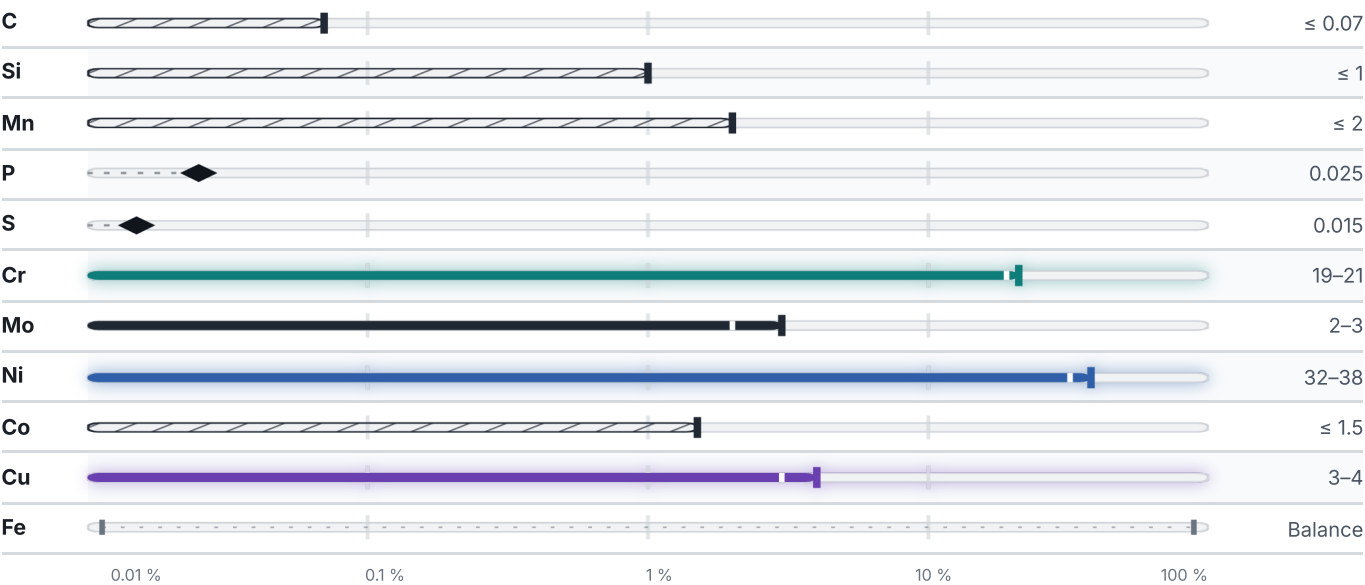
Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no

transformation temperature is predicted here.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.1	g/cm³

Designations across standards

15 designations · 2 documented as identical

United States10		International2	
N08020	This grade's own nameuns	FeNi35Cr20Cu4Mo2	iso
A240	astm	NW8020	iso
B 366	astm	China2	
B 463	astm	H08020	gb
B 464	astm	NS1403	gb
B 473	astm	Europe1	
B462	astm	NiCr20CuMoThis grade's own namedin-en	
B468	astm		
B729	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 NiCr20CuMo

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	2.4660	Aug 20, 2026