

MATERIAL NUMBER 1.4606 · CLASS 1.4

1.4606

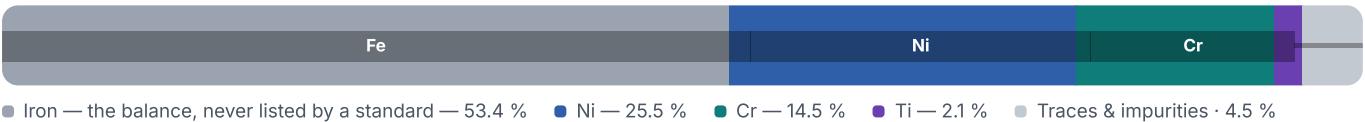
Chemical composition, mechanical and physical property values, and 11 standard designations from 5 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 11 in 5 regions	PROPERTY VALUES 13 on file
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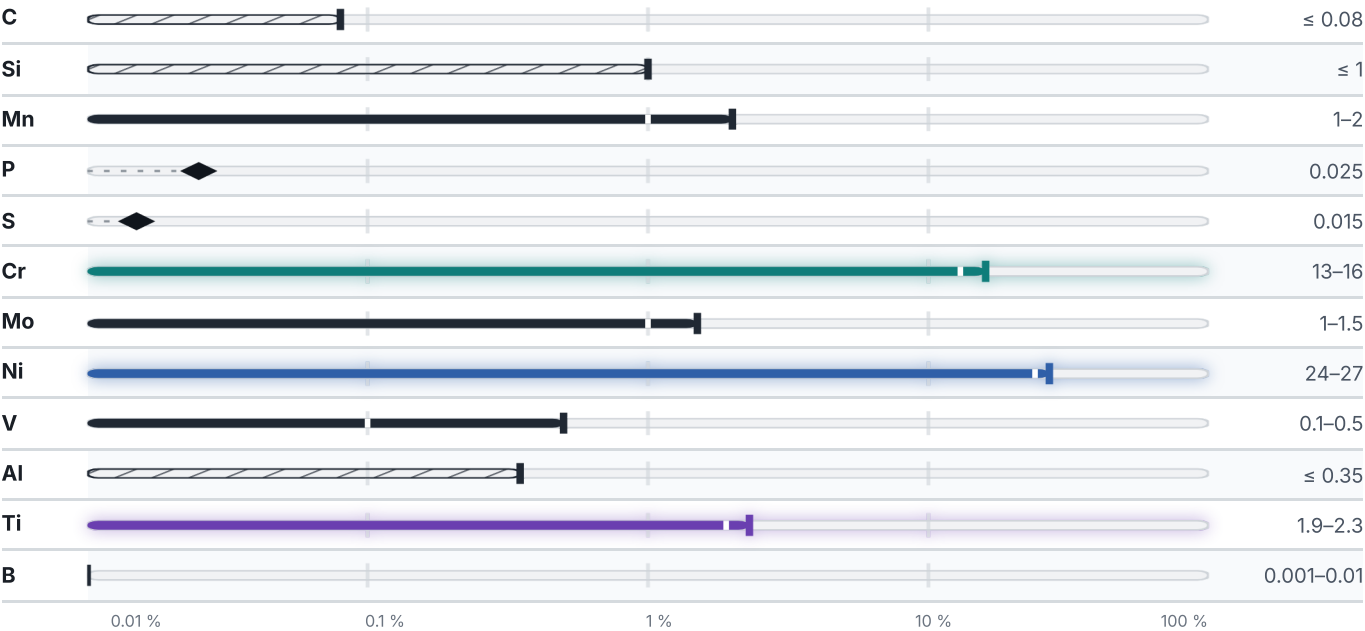
Chemical composition

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

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

transformation temperature is predicted here.

Mechanical properties1 values across 1 conditions

SOLUTION ANNEALED	HB
Solution annealed	212

Physical properties1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards11 designations · 1 documented as identical

France	4	United States	2
X.N26T.W	afnor	K66286	uns
XN26AW	afnor	S66286	uns
Z5NCTDV25-15B	afnor		
Z6NCTDV15-15B	afnor	Europe	1
		X5NiCrTiMoVB25-15-2	This grade's own namedin-en
Russia / CIS	3		
O8Ch15N25T2MFR	gost	China	1
O8Kh15N25T2MFR	gost	06Cr15Ni25Ti2MoAIVB	gb
EP674	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 1.4606

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	1.4606	Aug 20, 2026