

MATERIAL NUMBER 1.4876 · CLASS 1.4

1.4876

Chemical composition, mechanical and physical property values, and 46 standard designations from 11 regions.

DENSITY 8 g/cm³	OTHER DESIGNATIONS 46 in 11 regions	PROPERTY VALUES 10 on file
---------------------------	---	--------------------------------------

Chemical composition

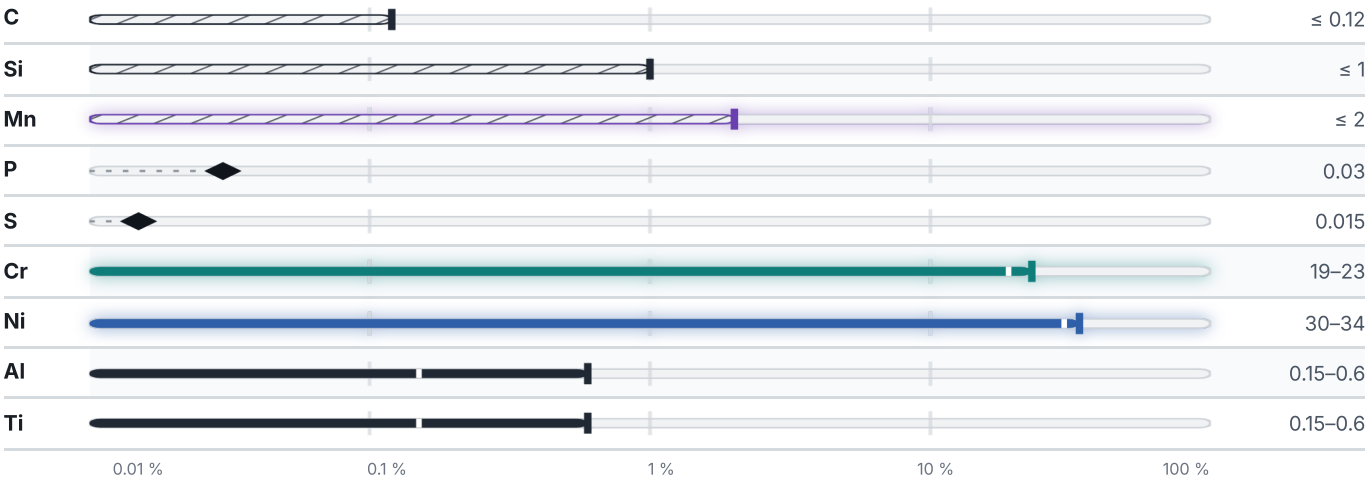
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 43.1 % ● Ni — 32 % ● Cr — 21 % ● Mn — 2 % ● Traces & impurities · 1.9 %

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: Mo.

Mechanical properties

1 values across 1 conditions

SOLUTION ANNEALED	HB
Solution annealed	192

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8	g/cm ³

Designations across standards

46 designations · 6 documented as identical

United States		20	Europe	3
Incoloy 800	uns		X10NiCrAlTi32-20 This grade's own name	din-en
Incoloy 800H	uns		X10NiCrAlTi32-21 This grade's own name	din-en
Incoloy 800HT	uns		X8NiCrAlTi32-21 This grade's own name	din-en
N08332 This grade's own name	uns			
N08800 This grade's own name	uns		United Kingdom	3
N08810 This grade's own name	uns		3076 NA 15 H	bs
N08811	uns		NA 15	bs
800	aisi-sae		NA15(H)	bs
B 163	aisi-sae			
N08332	aisi-sae		International	3
N08800	aisi-sae		FeNi32Cr21AlTi	iso
N08810	aisi-sae		NW8800	iso
N08811	aisi-sae		X8NiCrAlTi32-21	iso
A 240	astm			
B 366	astm		Japan	3
B 407	astm		NCF 800	jis
B 408	astm		NCF 800 TB	jis
B 409	astm		NCF 800 TP	jis
B 515	astm			
B564	astm		United States / Aerospace	2
			5766	ams
			5871	ams
France	4			
Z10NC32-21	afnor		Russia / CIS	2
Z5 NC 35-20	afnor			
Z8NC32.21	afnor		Ch20N32T	gost
Z8NC33-21	afnor		EP670 /ChN32T	gost
Spain	4		Czechia	1
33-21	une		17358	csn
F.3314	une			
F.3545	une		Slovakia	1
F.3545-X9NiCr	une		17 358	stn

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 1.4876
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.
1.4876

ISSUED
Aug 20, 2026