

MATERIAL NUMBER 1.4876 · CLASS 1.4

F.3314

Material no. 1.4876

also listed as X10NiCrAlTi32-20

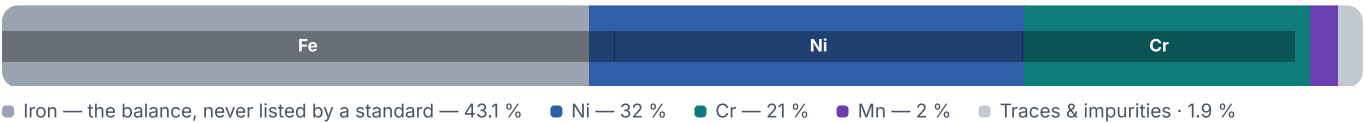
Chemical composition, mechanical and physical property values, and 46 standard designations from 11 regions.

DENSITY 8 g/cm³	OTHER DESIGNATIONS 46 in 11 regions	PROPERTY VALUES 10 on file
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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: 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	United Kingdom		3
N08800	This grade's own name	uns	3076 NA 15 H		bs
N08810	This grade's own name	uns	NA 15		bs
N08811		uns	NA15(H)		bs
800	aisi-sae		International		3
B 163	aisi-sae		FeNi32Cr21AlTi		iso
N08332	aisi-sae		NW8800		iso
N08800	aisi-sae		X8NiCrAlTi32-21		iso
N08810	aisi-sae		Japan		3
N08811	aisi-sae		NCF 800		jis
A 240	astm		NCF 800 TB		jis
B 366	astm		NCF 800 TP		jis
B 407	astm		United States / Aerospace		2
B 408	astm		5766		ams
B 409	astm		5871		ams
B 515	astm		Russia / CIS		2
B564	astm		Ch20N32T		gost
France		4	EP670 /ChN32T		gost
Z10NC32-21	afnor		Czechia		1
Z5 NC 35-20	afnor		17358		csn
Z8NC32.21	afnor		Slovakia		1
Z8NC33-21	afnor		17 358		stn
Spain		4			
33-21	une				
F.3314	une				
F.3545	une				
F.3545-X9NiCr	une				

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 F.3314
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