

MATERIAL NUMBER 1.4886 · CLASS 1.4

B511

Material no. 1.4886

also listed as X10NiCrSi35-19

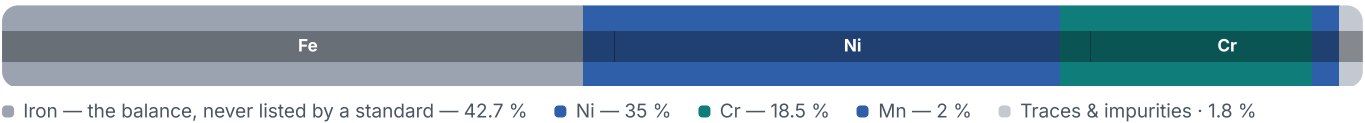
Chemical composition, mechanical and physical property values, and 21 standard designations from 10 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 21 in 10 regions	PROPERTY VALUES 9 on file
--	---	-------------------------------------

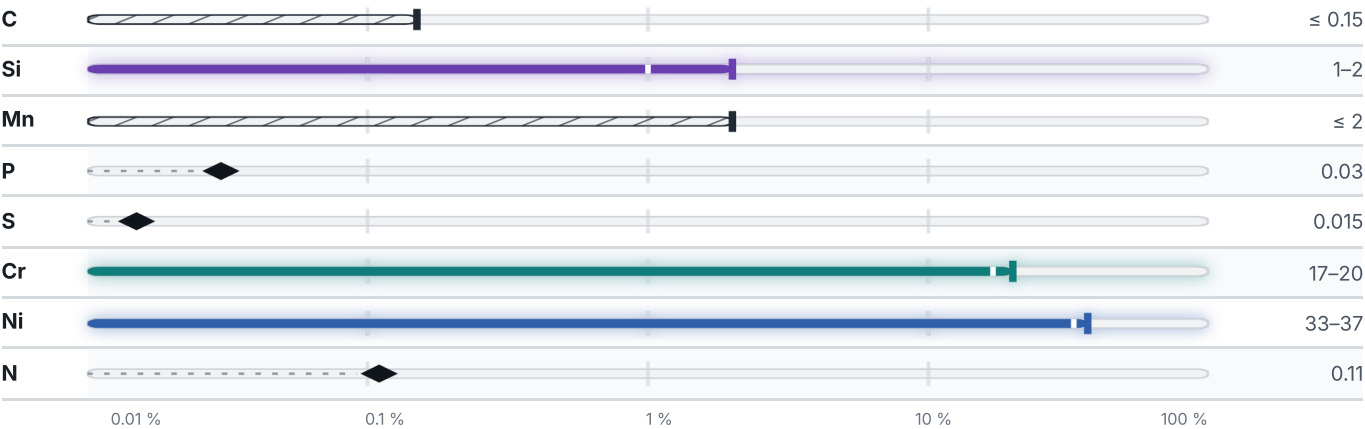
Chemical composition

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		200

Physical properties			1 values
PROPERTY	VALUE	UNIT	
Density	7.85	g/cm³	

Designations across standards			21 designations · 2 documented as identical
United States	12	France	1
N08330 This grade's own name	uns	Z20NCS33-16	afnor
330	aisi-sae	United States / Aerospace	1
B511	astm	5592	ams
B512	astm	Russia / CIS	1
B535	astm	XH35BT	gost
B536	astm	Czechia	1
B546	astm	17253	csn
B710	astm	Slovakia	1
B726	astm	17 253	stn
B739	astm	Poland	1
B829	astm	H16N36S2	pn
N08330	astm	Romania	1
Europe	1	12SiCrNi360	stas
X10NiCrSi35-19 This grade's own name	din-en		
United Kingdom	1		
NA17	bs		

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 B511

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	1.4886	Aug 20, 2026