

MATERIAL NUMBER 1.4980 · CLASS 1.4

286 S 31

Material no. 1.4980

also listed as X5NiCrTi26-15

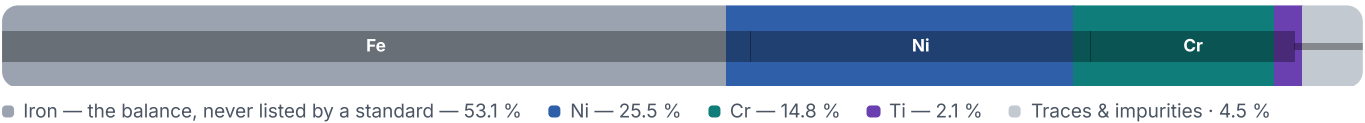
Chemical composition, mechanical and physical property values, and 33 standard designations from 7 regions.

DENSITY 7.94 g/cm ³	OTHER DESIGNATIONS 33 in 7 regions	PROPERTY VALUES 13 on file
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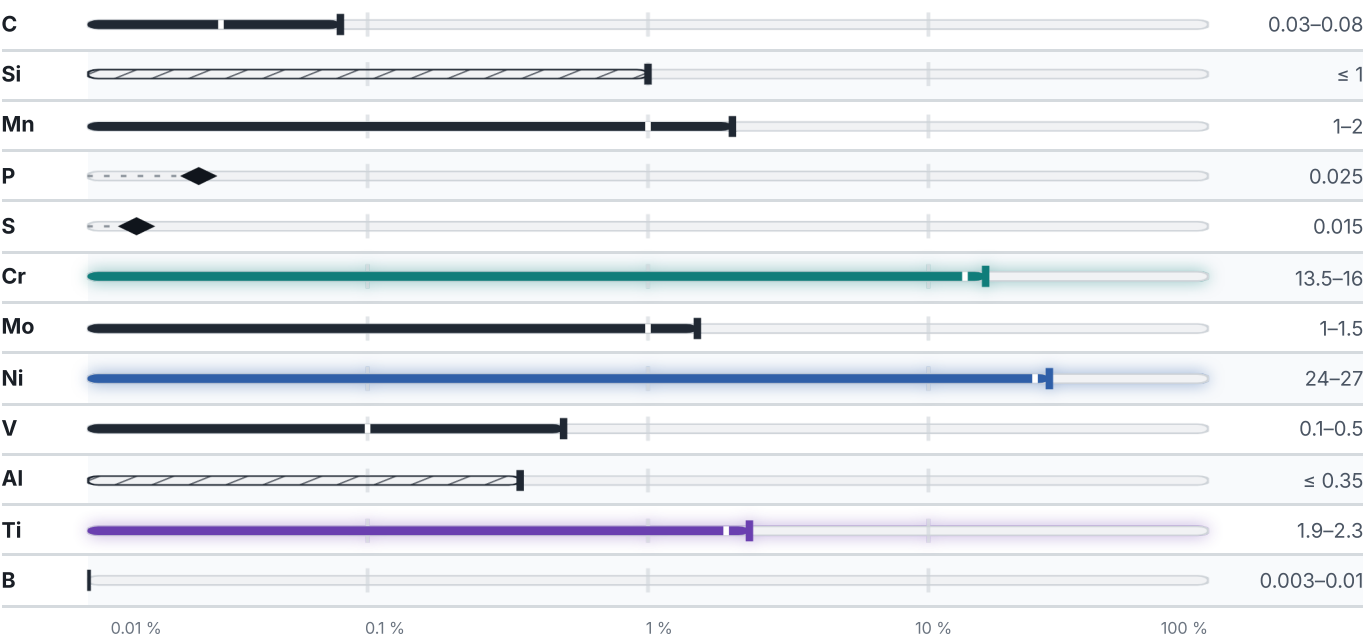
Chemical composition

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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.94	g/cm ³

Designations across standards

33 designations · 5 documented as identical

United States / Aerospace		12	France		6
5525	ams		X.N26T.W		afnor
5526	ams		XN26AW		afnor
5723	ams		Z5NCTDV25-15B		afnor
5726	ams		Z5NCTDV26-15B		afnor
5731	ams		Z6NCTDV15-15B		afnor
5732	ams		Z6NCTDV25-15		afnor
5734	ams		Europe		3
5737	ams				
5804	ams		X5NiCrTi26-15	This grade's own name	din-en
5853	ams		X6NiCrTiMoVB25-15-2	This grade's own name	din-en
5858	ams		Z6NCTDV25-15		din-en
5895	ams		Russia / CIS		3
United States		7			
K66286	uns		08Ch15N25T2MFR		gost
S66286	This grade's own name	uns	08Kh15N25T2MFR		gost
660	This grade's own name	aisi-sae	EP674		gost
663	This grade's own name	aisi-sae	United Kingdom		1
S66286		aisi-sae			
A453	astm		286 S 31		bs
A638	astm		China		1
			06Cr15Ni25Ti2MoAIVB		gb

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 286 S 31

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.

1.4980

ISSUED

Aug 20, 2026