

MATERIAL NUMBER 1.4826 · CLASS 1.4

40CrNiSi25-12

Material no. 1.4826

also listed as GX40CrNiSi22-10

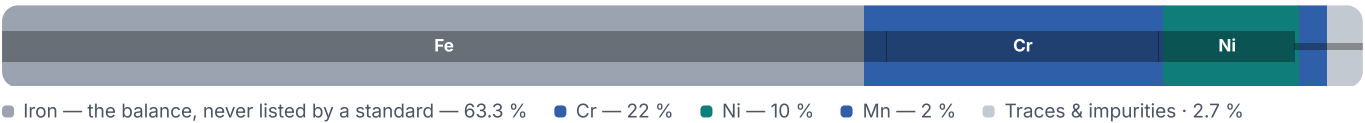
Chemical composition, mechanical and physical property values, and 28 standard designations from 13 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 28 in 13 regions	PROPERTY VALUES 9 on file
------------------------------	---	-------------------------------------

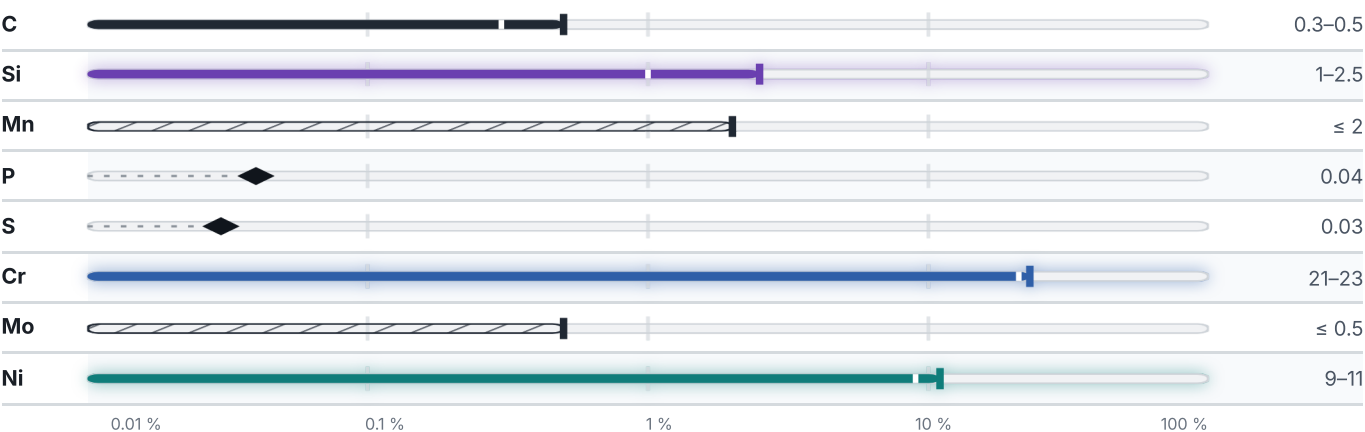
Chemical composition

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

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	7.85	g/cm ³

Designations across standards

28 designations · 2 documented as identical

United States	7	Russia / CIS	2
J92502	uns	40KH24N12SL	gost
J92803	uns	40X24H12CЛ	gost
HF	aisi-sae	Czechia	2
HH	aisi-sae		
J93503	aisi-sae	422 934	csn
J94003	aisi-sae	422936	csn
J94013	aisi-sae		
Japan	4	France	1
SCH12	jis	Z40CN25-12	afnor
SCH13A	jis	China	1
SCH17	jis	ZG35Cr26Ni12	gb
SCS17	jis		
South Korea	3	Italy	1
HRSC13A	ks	GX35CrNi25-12	uni
HRSC17	ks	Poland	1
SSC17	ks	LH23N18C	pn
Europe	2	Hungary	1
GX40CrNiSi22-10 This grade's own name	din-en	40CrNiSi25-12	msz
GX40CrNiSi22-9 This grade's own name	din-en	Romania	1
United Kingdom	2	T35NiCr260	stas
309C30	bs		
309C35	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 40CrNiSi25-12

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.

1.4826

ISSUED

Aug 20, 2026