

MATERIAL NUMBER 1.4825 · CLASS 1.4

J92603

Material no. 1.4825

also listed as GX25CrNiSi18-9

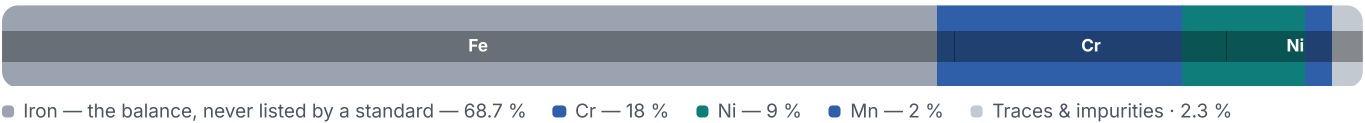
Chemical composition, mechanical and physical property values, and 13 standard designations from 4 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 13 in 4 regions	PROPERTY VALUES 9 on file
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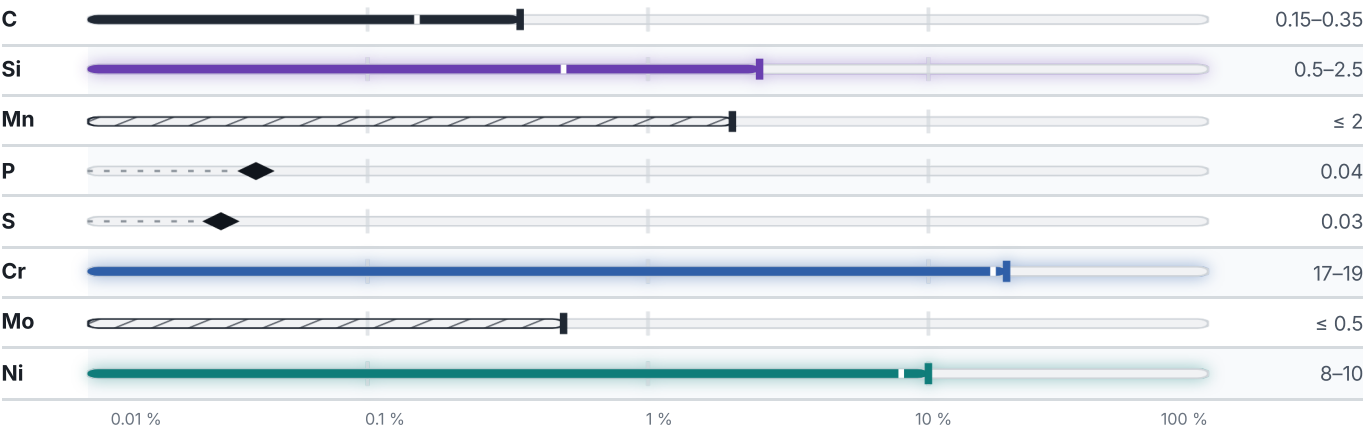
Chemical composition

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	7.85	g/cm³

Designations across standards

13 designations · 4 documented as identical

United States9		Japan2	
J92502	uns	SCH31	jis
J92602	This grade's own nameuns	SCS 12	jis
J92603	This grade's own nameuns		
J92803	uns	Europe1	
302mod	This grade's own nameaisi-sae	GX25CrNiSi18-9	This grade's own namedin-en
J92502	aisi-sae		
J92602	aisi-sae	Czechia1	
J92603	aisi-sae	422 932	csn
J92803	aisi-sae		

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 J92603

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	1.4825	Aug 20, 2026