

MATERIAL NUMBER 1.4835 · CLASS 1.4

1.4835

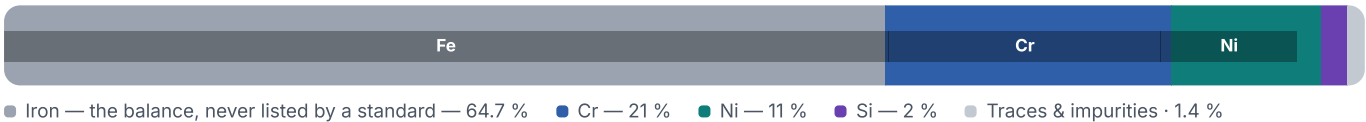
Chemical composition, mechanical and physical property values, and 12 standard designations from 4 regions.

DENSITY 7.8 g/cm³	OTHER DESIGNATIONS 12 in 4 regions	PROPERTY VALUES 10 on file
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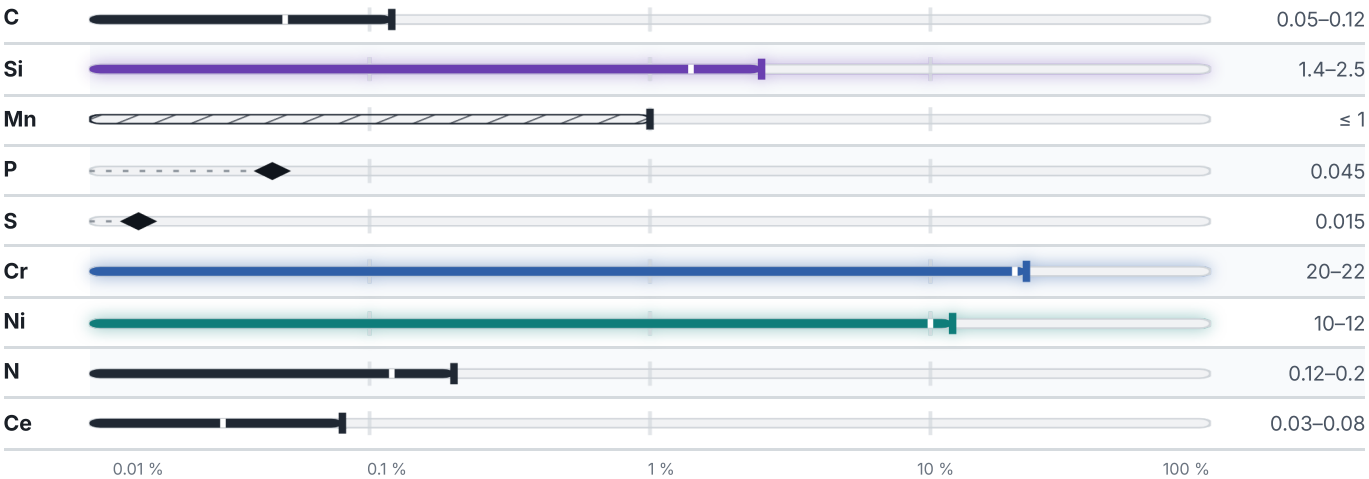
Chemical composition

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	210

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.8	g/cm³

Designations across standards

12 designations · 4 documented as identical

United States8		Europe2	
S30815	This grade's own nameuns	X7CrNiSiNce21-11	This grade's own namedin-en
253MA	This grade's own nameaisi-sae	X9CrNiSiNce21-11-2	This grade's own namedin-en
S30815	aisi-sae		
A182	astm	International1	
A240	astm	X7CrNiSiNce21-11iso	
A276	astm		
A312	astm	Sweden1	
A479	astm	2368ss	

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 1.4835

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	1.4835	Aug 20, 2026