

MATERIAL NUMBER 1.2018 · CLASS 1.2

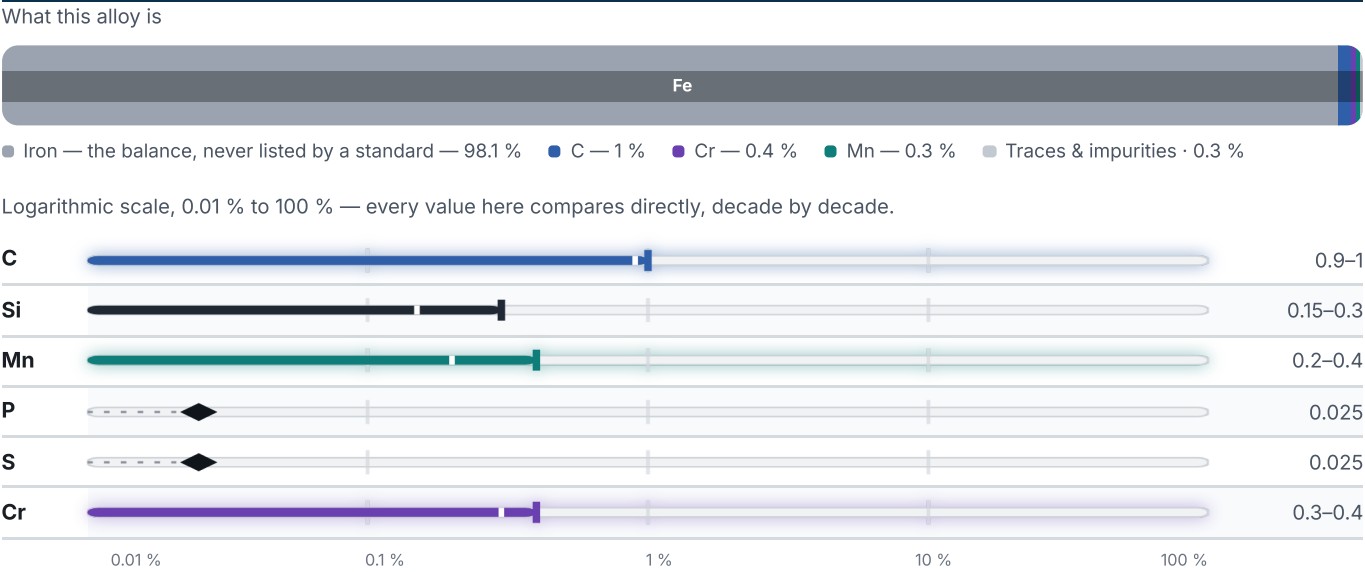
1.2018

Chemical composition, mechanical and physical property values, and 10 standard designations from 5 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 10 in 5 regions	PROPERTY VALUES 7 on file
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Chemical composition

Mass fraction in %



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: Ni, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

10 designations · 1 documented as identical

United Kingdom		3	Japan		2
95CS	bs		SK4		jis
95HS	bs		SK95		jis
CS95	bs		Europe		1
France		3	95Cr1	This grade's own name	din-en
C90E2U	afnor		Italy		1
C90RR	afnor		C90		uni
XC 90	afnor				

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 1.2018

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	1.2018	Aug 20, 2026