

MATERIAL NUMBER 1.4019 · CLASS 1.4

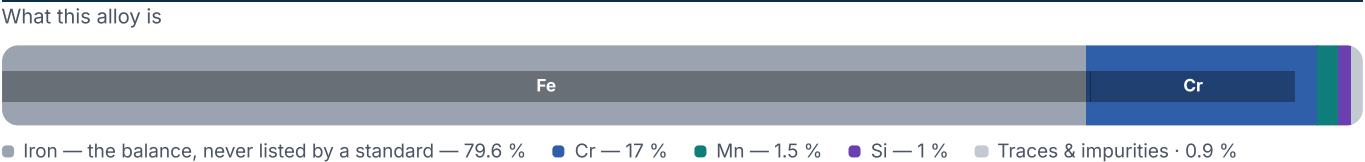
1.4019

Chemical composition, mechanical and physical property values, and 17 standard designations from 4 regions.

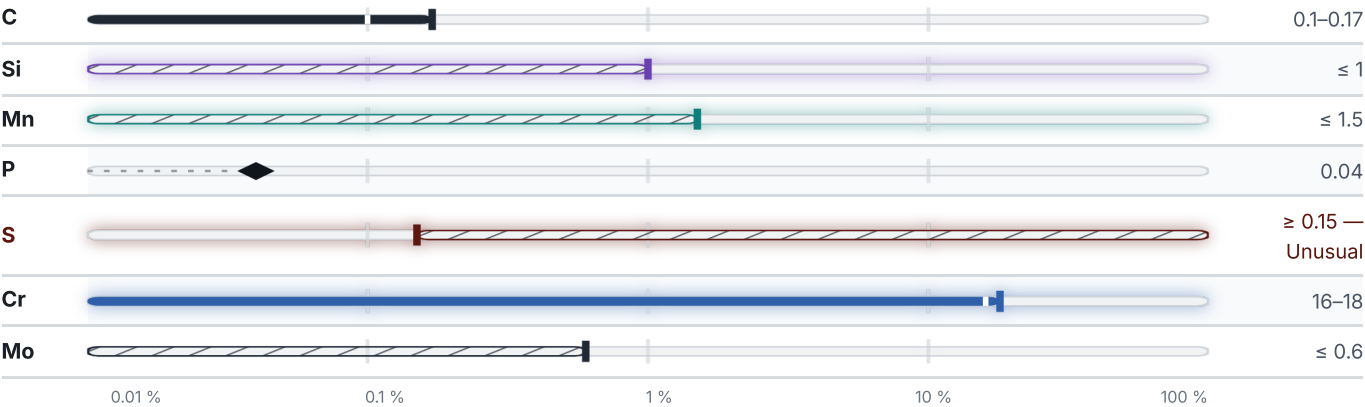
DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 17 in 4 regions	PROPERTY VALUES 8 on file
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Chemical composition

Mass fraction in %



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: Ni.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

17 designations · 1 documented as identical

United States		14	Europe		1
S43020	uns		X14CrS17	This grade's own name	din-en
430F	aisi-sae				
51430F	aisi-sae		Japan		1
A314	astm		SUS 430F		jis
A473	astm				
A581	astm		China		1
A582	astm		Y1Cr17		gb
A895	astm				
F2281	astm				
F593	astm				
F594	astm				
F738	astm				
F836	astm				
F899	astm				

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 1.4019
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	1.4019	Aug 20, 2026