

MATERIAL NUMBER 1.4012 · CLASS 1.4

X10Cr15

Material no. 1.4012

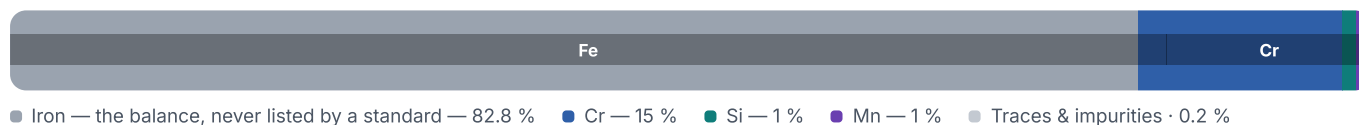
Chemical composition, mechanical and physical property values, and 16 standard designations from 3 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	16 in 3 regions	7 on file

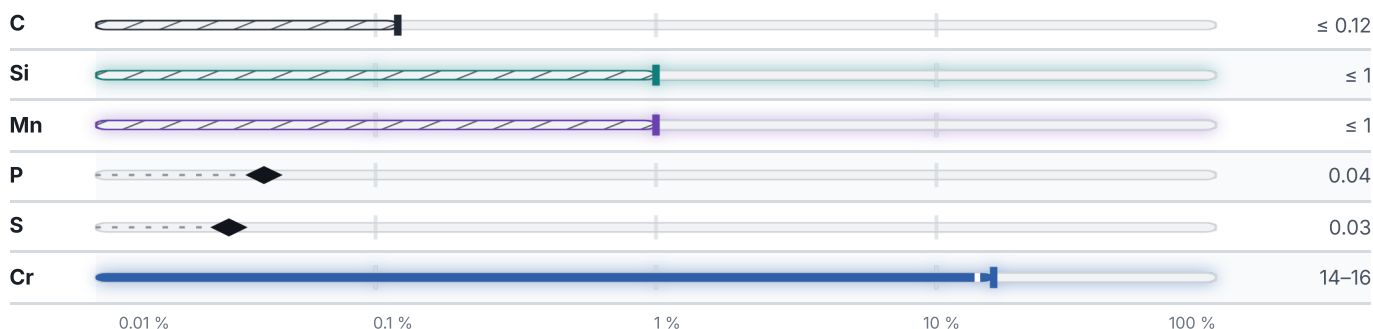
Chemical composition

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

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

16 designations · 3 documented as identical

United States		14	Europe		1
S42900	This grade's own name	uns	X10Cr15	This grade's own name	din-en
429	This grade's own name	aisi-sae			
51429		aisi-sae			
A1049		astm			
A182		astm			
A240		astm			
A268		astm			
A276		astm			
A314		astm			
A473		astm			
A493		astm			
A511		astm			
A554		astm			
A815		astm			
			Japan		1
			SUS 429		jis

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 X10Cr15

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	1.4012	Aug 20, 2026