

MATERIAL NUMBER 1.4122 · CLASS 1.4

X35CrMo17

Material no. 1.4122

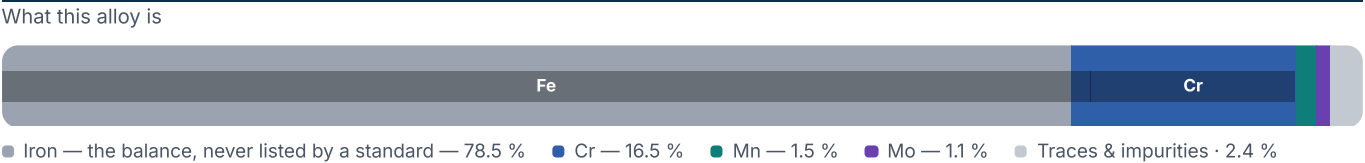
also listed as GX35CrMo17

Chemical composition, mechanical and physical property values, and 10 standard designations from 6 regions.

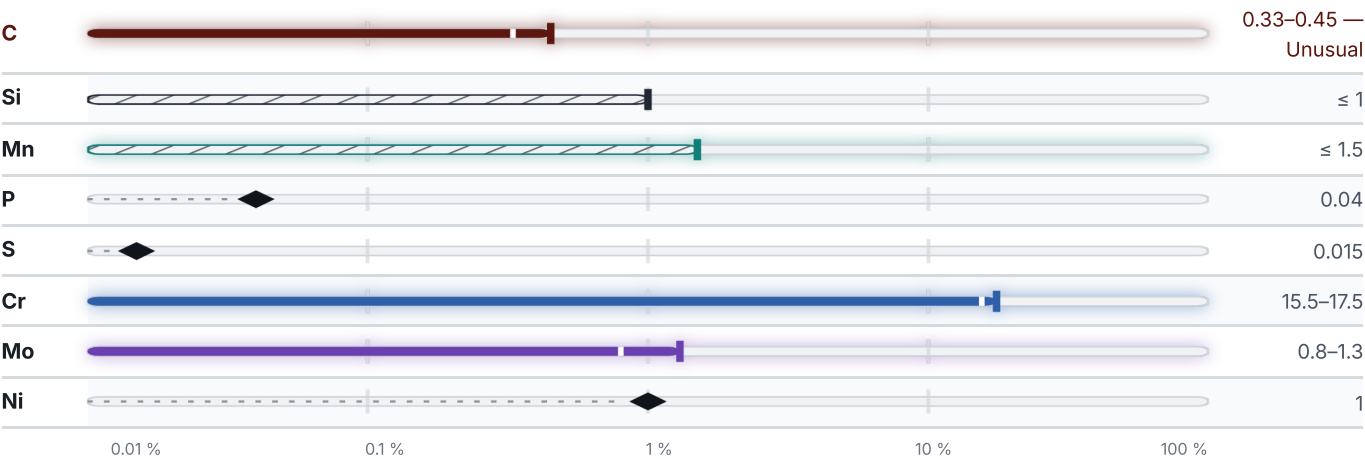
DENSITY 7.7 g/cm³	OTHER DESIGNATIONS 10 in 6 regions	PROPERTY VALUES 9 on file
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Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Mechanical properties

1 values across 1 conditions

SOFT ANNEALED	HB
Soft annealed	280

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.7	g/cm³

Designations across standards

10 designations · 3 documented as identical

Europe		3	Czechia		2
GX35CrMo17	This grade's own name	din-en	17134		csn
X35CrMo17	This grade's own name	din-en	17137		csn
X39CrMo17-1	This grade's own name	din-en			
France		2	International		1
Z35CD17		afnor	X38CrMo16		iso
Z38CD16-01		afnor	Slovakia		1
			17 137		stn
			Poland		1
			3H17M		pn

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 X35CrMo17

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	1.4122	Aug 20, 2026