

MATERIAL NUMBER 1.3802 · CLASS 1.3

GX 120 Mn 13

Material no. 1.3802

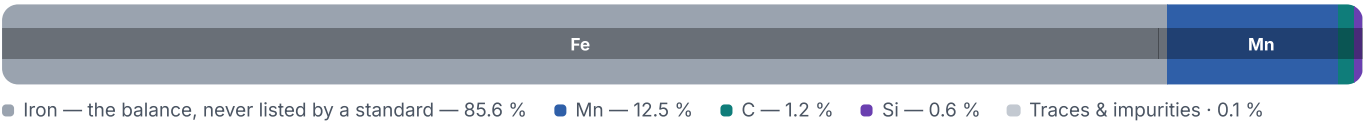
Chemical composition, mechanical and physical property values, and 15 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 15 in 6 regions	PROPERTY VALUES 6 on file
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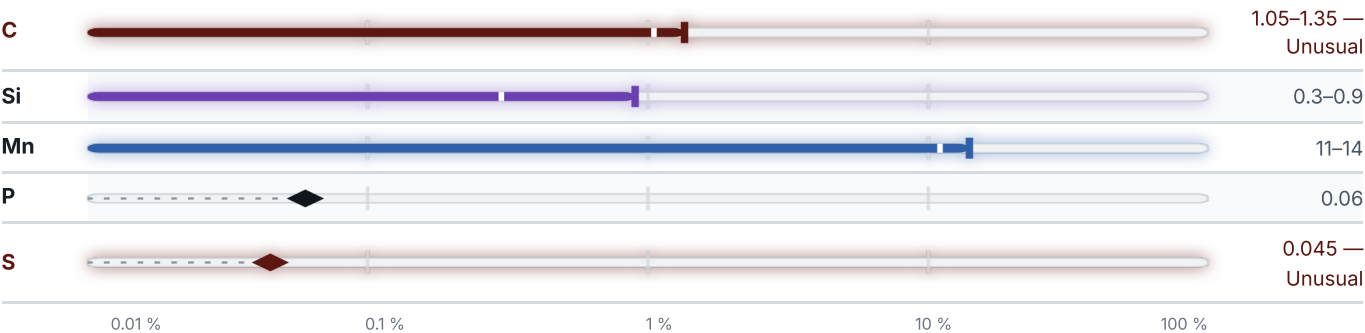
Chemical composition

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: Ni, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

15 designations · 2 documented as identical

United Kingdom		5	Russia / CIS		3
BW 10	bs		120G13		gost
Ma2	bs		E1256		gost
Ma3	bs		G13		gost
Ma5	bs		France		2
MaZ	bs		GD 233		afnor
United States		3	Z120M12		afnor
J91109	This grade's own name	uns	Europe		1
K 700	aisi-sae		GX 120 Mn 13	This grade's own name	din-en
A128	astm		Czechia		1
			422 920		csn

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 GX 120 Mn 13

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	1.3802	Aug 20, 2026