

MATERIAL NUMBER 1.1233 · CLASS 1.1

56Mn4

Material no. 1.1233

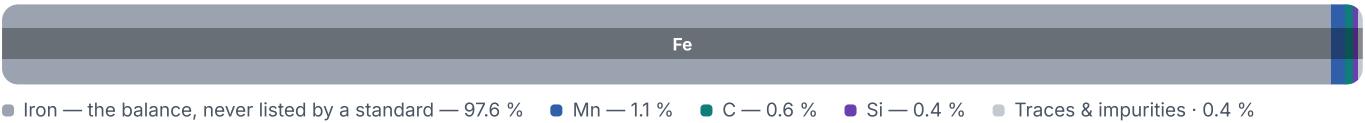
Chemical composition, mechanical and physical property values, and 13 standard designations from 7 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	13 in 7 regions	9 on file

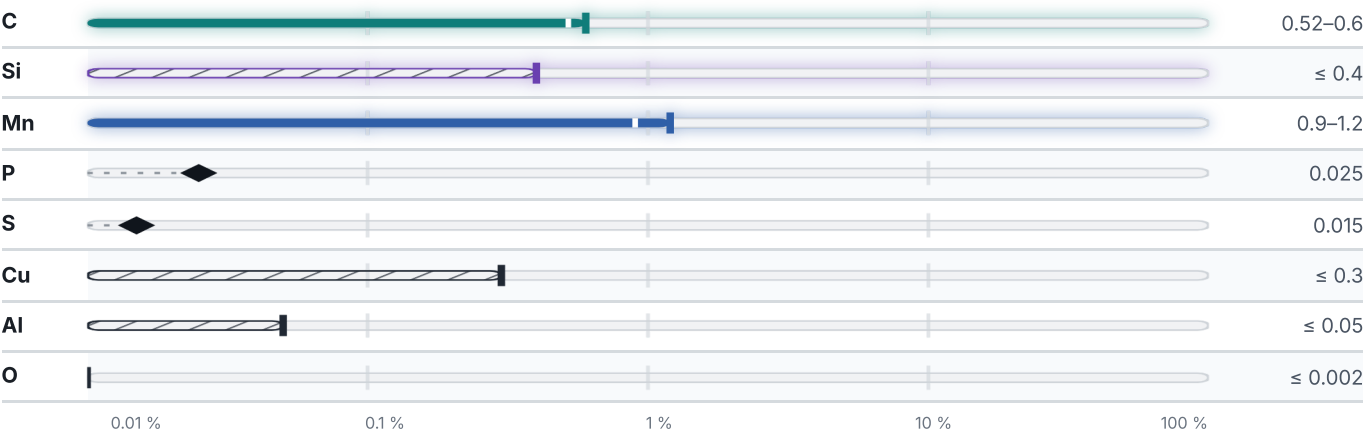
Chemical composition

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, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

13 designations · 3 documented as identical

United States	6	Europe	1
G10600 This grade's own name	uns	56Mn4 This grade's own name	din-en
1060 This grade's own name	aisi-sae	International	1
1062	aisi-sae	56Mn4	iso
1066	aisi-sae	Czechia	1
1566	aisi-sae	13 180	csn
C1062	aisi-sae	Poland	1
Russia / CIS	2	65G	pn
65G	gost	Romania	1
65GA	gost	65MN10	stas

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 56Mn4

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	1.1233	Aug 20, 2026